SOTHEBY, WILKINSON & HODGE,
WELLINGTON STREET, STRAND, LONDON.

CATALOGUE

OF

THE IMPORTANT COLLECTION OF

Irish Ring Money

STONE & BRONZE IMPLEMENTS, PERSONAL ORNAMENTS, &c.

(IN GOLD, SILVER AND BRONZE),

FORMED BY THE WELL-KNOWN ANTIQUARY

ROBERT DAY, ESQ. J.P. F.S.A. M.R.I.A. &c.

of Myrtle Hill House, Cork.

Days of Sale.

First Day ...	Monday,	19th May ...	Lots 1 to 123
Second Day...	Tuesday,	20th May ...	Lots 124 to 231
Third Day ...	Wednesday,	21st May ...	Lots 232 to 331
Fourth Day .	Thursday,	22nd May ...	Lots 332 to 479

1913.

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IMPORTANT ORNAMENTS, &c.

(IN GOLD, SILVER AND BRONZE)

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OF THE

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OF

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IN STONE, BRONZE, GOLD AND SILVER, &c.

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ROBERT DAY, ESQ. F.S.A. M.R.I.A.

of Cork.

FIRST DAY'S SALE.

STONE IMPLEMENTS,

from Ireland.

LOT

1 Three small narrow Celts in flint or ehert; one, $6\frac{1}{2}$ *in. long*, leaf-shaped and finely formed; another, 6 *in. long*, trimmed somewhat squarely at the butt, the sides slightly bowed, the rounded eutting edge fraetured; another, $5\frac{1}{2}$ *in. long*, partially polished, with ineurved sides and expanding at eaeh end. And a narrow Implement, $5\frac{1}{2}$ *in. long*, with pointed butt and slender body widening out towards the rounded eutting edge; all from *Co. Antrim*; *good specimens, the third form rare* 4

2 Four narrow Celts in flint or chert, all of thicker make than the preceding pieces; one, $6\frac{1}{2}$ *in. long*, roughly chipped and of irregular shape, the cutting edge abraded; another, 6 *in. long*, partially polished, the butt end roughly trimmed, the cutting end rounded, the sides almost straight; another (imperfect), $4\frac{1}{2}$ *in. long*, slightly polished and with pointed sharp-edged butt; another (imperfect), 4 *in. long*, of broader shape and wanting the butt end; all from *Co. Antrim* 4

3 A small flint Celt, 6 *in. long*, with broad cutting edge (polished), straight sides and pointed butt; another, $4\frac{1}{4}$ *in. long*, broader with bowed sides and with part of the butt end missing; a broad Chisel of thick flint, $4\frac{3}{4}$ *in. long*; another, thinner and of varied type, $3\frac{1}{4}$ *in. long*; all from *Co. Antrim*. And two long and narrow Chisels (or Fabricators), *about* 5 *in. long*, *locality unknown* 6

4 A regularly-shaped Implement of chipped flint, $7\frac{1}{2}$ *in. long*, oval, long and rather narrow; a small Celt, 5 *in. long*, polished at the cutting edge, the sides re-worked by rough chipping. Two Adze-like Implements; one, 4 *in. long*, slightly polished on the upper side and with curved cutting edge; the other, $4\frac{1}{4}$ *in. long*, with oyster-shell back. And a long Celt, partially polished, $7\frac{1}{4}$ *in. long*, narrow and tapering away to the butt; *all of flint*; *no localities noted* 5

5 A larger Celt of polished dove coloured porphyry with white speckles, $6\frac{1}{2}$ *in. long*, with narrow pointed butt and broad rounded cutting edge (*Antrim*). Another of semi-polished dark porphyritic stone with white speckles, 6 *in. long*, of similar shape, the point of the butt missing (*Giant's Causeway*). Another, in an opaque jade-like stone, 7 *in. long*, of long narrow form with pointed butt and rounded cutting edge (*Antrim*); *all in rare material* [Pl. I] 3

6 Three polished stone Celts with narrow straight butts and broad cutting edges; one, $4\frac{1}{2}$ *in. long*, from *Athlone*; another, $3\frac{1}{2}$ *in. long*, from *Antrim*; another, $3\frac{1}{2}$ *in. long*, from *Bellaghy, Co. Antrim*. Another, of narrower form, $3\frac{1}{2}$ *in. long*, from *Armagh* (the butt fractured). An Adze of roughly chipped stone, $4\frac{1}{2}$ *in. long*; another, of polished stone, $4\frac{3}{4}$ *in. long*; and a smaller specimen, broad and irregularly shaped, $2\frac{1}{2}$ *in. long by* $1\frac{1}{2}$ *in. wide*, all from *Co. Antrim* 7

7 Four polished stone Celts with narrow rounded butts and broad cutting edges, *about* 4 *in. to* $4\frac{1}{2}$ *in. long*, from *Belfast* (2), *Antrim*, or *N. of Ireland*. Three others with broader and straighter butts, $4\frac{1}{4}$ *in.*, 3 *in.* and $2\frac{1}{4}$ *in. long*, all from *Antrim*. And a Hammer (?) of similar outline to last pieces, 4 *in. long*, also from *Co. Antrim* 8

8 Three thin Celts of polished or semi-polished stone; one of long ovate shape, $6\frac{3}{4}$ *in. long*, from *Portglenone*, *Antrim*; another, with long straight sides and pointed butt, 6 *in. long*, *Antrim*; the third, in fine porphyritic stone, 4 *in. long*, of broader shape and with the butt and cutting edge somewhat straightly fashioned, *Antrim*; *all rare forms* 3

9 Three larger Celts of polished stone, all with broad cutting edge and sides narrowing-off towards the rounded butt; one, 7 *in. long*, from *Clough*; another, $6\frac{3}{4}$ *in. long*, from *Bellaghy*; the third, 6 *in. long*, from *Ballymena*. Another, of narrower make, 5 *in. long*, *Glenwherry*. Another, more ovate in shape, $5\frac{1}{4}$ *in. long*, *Youghal*. And a very unusual Celt, of long pear-like form, $7\frac{1}{2}$ *in. long*, with broad cutting edge, the sides chamfered off and rubbed flat towards the narrow pointed butt; *Toome* 6

10 Three polished stone Celts, with broad cutting edge and broad butt; $4\frac{1}{2}$ *in. long*, *Ballintoy*; $3\frac{3}{4}$ *in. long*, *Ballintoy* and *Belfast*. Two others of narrower form, one with *both* sides flattened by grinding, the second with *one* side flattened and deeply grooved; $4\frac{3}{4}$ *in. and* $3\frac{3}{4}$ *in. long*, both from *Co. Antrim*. A long narrow Celt, $4\frac{3}{4}$ *in. long*, with pointed butt and adze-like cutting edge, *Ballycastle*. And a small Celt, $3\frac{3}{4}$ *in. long*, of ovate form, fashioned from a curved piece of greenstone; *Giant's Causeway* 7

11 A small but very fine Celt in polished porphyritic stone, 4 *in. long*, of long ovate form with pointed butt; *Donegal*. A small Celt of thick polished stone, 3 *in. long*, with broad hammer-like butt ($1\frac{3}{4}$ *in. across*); *Antrim*. And a long and narrow Implement, in polished stone, 6 *in. long*, $\frac{7}{8}$ *in. wide in centre*, pointed at each end; probably intended to serve as a fine chisel; found at *Skerry, Co. Antrim*; *all very fine, and the last piece extremely rare* [Pl. I] 3

12 Two long ovate Celts in polished stone, $5\frac{1}{4}$ *in. and* $4\frac{1}{4}$ *in. long*; the larger with adze-like cutting edge, *Co. Donegal*; the smaller found at *Toome*, *Antrim*, together with a small Celt of greenstone,

LOT 12—*continued.*

$2\frac{3}{4}$ *in. long*, having broad cutting edge, straight sides and narrow rounded-off butt. A small flat ovate Celt, polished towards the cutting edge and with somewhat straight sides, $2\frac{1}{2}$ *in. long*, found at *Ballymena*. And two small polished Celts, with straight hammer-head butts; the larger, $3\frac{1}{4}$ *in. long*, from *Ballycastle*; the smaller, 3 *in. long*, from *Longh Gur*, is of thicker make and is champfered-off around the butt; *all good interesting specimens* 6

13 Three thin Celts of polished stone, with broad cutting edge and narrow rounded-off butts; one, $5\frac{3}{4}$ *in. long*, from *Ballycastle*; another, $3\frac{1}{4}$ *in. long*, from *Ballymena*, has the sides ground flat; the third, 3 *in. long*, from *Cookstown, Tyrone*. Two Celts of thicker stone and with narrow rounded butts; one, $3\frac{3}{4}$ *in. long*, from the *Bann, near Coleraine*; the other, $3\frac{1}{2}$ *in. long*, from *Baubridge, Down*. Another, of larger size, with broad cutting edge and straight butt, $4\frac{1}{4}$ *in. long*, *Balliuhassig, Co. Cork*. And the lower part of a very large and fine Celt of black stone, $4\frac{3}{4}$ *in. long*, $3\frac{3}{4}$ *in. wide*, found near *Bantry* 7

14 A very large Celt of polished metamorphic stone, $10\frac{1}{2}$ *in. long*, $3\frac{1}{2}$ *in. wide at end*, of long narrow form, the butt rounded-off; found at *Kinsale*, 1830; *a very fine specimen* 1

15 Another, in dark-green porphyritic stone, 10 *in. long*, very finely shaped and finished; part of the butt appears to have been broken-off obliquely, and the fractured surface has been rubbed down and polished in ancient times; found at *Belfast*, 1884; *one of the finest specimens known* [Pl. I] 1

16 Another, in a hard fine-grained stone, $9\frac{1}{2}$ *in. long*; similar to *lot* 14, but broader and straighter at the butt; found at *Rarthabane, Co. Cork*, 1881; *a rare specimen* 1

17 A long and narrow Celt of roughly fashioned and finished stone, $10\frac{1}{2}$ *in. long*; one of the almost parallel sides rubbed down: hammer-like butt; found at *Bellaghy, Antrim*. Another, more carefully made and polished: the centre-line curved, the sides expanding slightly to the cutting edge, the butt straight and champfered-off at the sides; $9\frac{3}{4}$ *in. long, the greatest width* $2\frac{1}{4}$ *in.*; found in the *Lee, at Inchageela*; *both very rare forms* 2

18 A broad Celt of thin stone, $4\frac{1}{2}$ *in. long*; straight butt; found at *Fintoun, Co. Donegal*. Another, $2\frac{1}{4}$ *in. long*, thicker at the butt and with obliquely rounded cutting edge; *Enniskillen*. Another, thicker, of regular ovate form and rather pointed at the butt, $5\frac{1}{2}$ *in. long*; *Grey Abbey, Co. Down*. Two others, similar to last

LOT 18—*continued.*

but broader at the butt; 5 *in. long, Enniskillen*; the second, $4\frac{1}{2}$ *in. long*, from *Lough Gur*. Another, of heavier make and with hammer-like butt, $4\frac{3}{4}$ *in. long*; *Ballintoy* 6

19 Three flat Celts, of long ovate form; $6\frac{1}{2}$ *in.* $5\frac{3}{4}$ *in. and* $4\frac{3}{4}$ *in. long*; all found under the W. Bridge, *Enniskillen*, 1887. Three others of thicker stone, all short and wide, and with rather broad butts; $5\frac{1}{4}$ *in. long, Bann Shore, nr. Coleraine*; $4\frac{1}{4}$ *in. long, Lough Gur*; another, $3\frac{1}{2}$ *in. long, Enniskillen.* A small thick Celt of regular pointed ovate form, $3\frac{1}{2}$ *in. long, Antrim.* And a long narrow Celt, $5\frac{1}{2}$ *in. long*, thick and with obliquely set cutting edge; *Craigavad*; *several uncommon varieties* 8

20 Two broad Celts with narrow rounded butts; one, $6\frac{1}{4}$ *in. long*, polished at the cutting edge, *Lough Gur, Co. Limerick*; the second, $3\frac{3}{4}$ *in. long, Co. Westmeath.* Two others, with broader and straighter butts; $5\frac{1}{4}$ *in. and* $4\frac{1}{4}$ *in. long*, both from *Lough Gur*; another, flatter and with slightly incurved sides, $4\frac{1}{2}$ *in. long, Westmeath.* A long and narrow Celt of green stone, $5\frac{1}{2}$ *in. long*; thick and with slightly curved centre line; *Lough Gur.* And the cutting end of a very large Celt, and the butt end of a long narrow Celt, both re-fashioned for a second using; the first from *Lough Gur*, the second from *Westmeath*; *an interesting lot* 8

21 A roughly finished stone Celt or Axe-Hammer; 5 *in. long*; the cutting edge polished; slightly narrowing at edge and at the badly-shaped butt; *found near Castle Caldwell, Co. Fermanagh, and remarkable as retaining part of the resinous cement by which it was secured to the handle or shaft* (*possibly unique for an Irish specimen*). A large ovate Celt of dark stone, 7 *in. long*, flat and unusually broad (4 *in.*) the butt end somewhat straight; *Co. Tyrone.* Another, 6 *in. long*, with straighter cutting edge and butt: *Curly Burn, Limavady* 3

22 Three long and narrow Celts of stone; one with narrow squared butt, $6\frac{3}{4}$ *in. long, Keelogue Ford*; another, 6 *in. long*, with broader butt and oblique cutting-edge, *Tyrone*; another (in schist?), 5 *in. long*, irregularly shaped, *found at Inniscarra House.* Another long Celt in porphyritic stone, $6\frac{3}{4}$ *in. long*, with curved centre line and wide rounded butt, *Tyrone.* Four short and flat Celts in stone; one, $5\frac{1}{2}$ *in. long*, with broad edge and narrow butt, *Belfast*; another, $4\frac{1}{2}$ *in. long*, with broad butt and straight sides, *Keelogue Ford*; another, 4 *in. long*, with bowed sides, *Curly Burn, Limavady*; the last, $3\frac{1}{2}$ *in. long*, of narrower form, *Mullingar* 8

18 23 A flat Celt in a very rare metamorphic stone with light veinings, 4 *in. long*; broad cutting edge and narrow butt; *Kells, Co. Meath.* A flat Celt in green stone, 5 *in. long*, straight adze-like cutting edge and butt, the sides straightened by polishing, *Ballymena*; *both rare specimens* [Pl. I] 2

1 15 . 24 A flat Celt, $3\frac{3}{4}$ *in. long*, broad at edge and narrow at butt; another, $3\frac{1}{2}$ *in. long*, narrower and in thinner stone; another, $2\frac{3}{8}$ *in. long*, with straight sides; *all from Lough Gur.* A small and remarkably thin and slender stone Celt, $3\frac{1}{4}$ *in. long*, with pointed butt, *Co. Derry.* A small Celt in thicker stone, 4 *in. long*, with rather straight cutting edge and narrow rounded butt, *Co. Westmeath*; another, $3\frac{1}{2}$ *in. long*, narrower than preceding, *Mullingar*; another, $3\frac{1}{2}$ *in. long*, with round cutting edge and pointed butt, *Antrim.* And four small implements: Adze, $2\frac{3}{4}$ *in. long*, two Chisels, $3\frac{1}{4}$ *in. and* $2\frac{1}{4}$ *in. long*, and a long flat Chisel (?), 3 *in. long, all found together at Tooma, Co. Antrim*, 1866 11

15 . 25 Seven small Implements in varied stone, $1\frac{3}{4}$ *in. to* 3 *in. long*, following the ordinary celt types, the largest with a very obliquely set edge (re-worked?), *found in Cos. Antrim, Derry or Tyrone* 7

1 14 . 26 Three stone Celts, one, 5 *in. long*, from *Londonderry*; two, of broad flat type, from *Co. Tyrone* (4 *in. long*), or *Tullamore* ($3\frac{3}{4}$ *in. long*), all with obtuse butts. Another, $3\frac{1}{2}$ *in. long*, narrow and thick, *Co. Carlow.* A small flat Celt, $3\frac{1}{4}$ *in. long*, with broad edge, straight sides and pointed butt (*a rare variety*; *in porphyritic stone*). A small Celt in black stone, with flat sides and somewhat straight butt and edge, 4 *in. long*, engraved on one face with an outline circle and a circular sinking containing a dotted ornament; on the other face an outline circle only; *Moss Side, Antrim.* Two long narrow Celts (or Chisels), from *Co. Westmeath* (4 *in. long*), or *Lough Revil Cranog* ($3\frac{1}{4}$ *in. long*). And two round Chisels; one, $4\frac{3}{4}$ *in. long*, from *Kinsale*, the other, $2\frac{3}{4}$ *in. long*, from *Lough Revil Cranog*; *an interesting and rare lot of implements* 10

5 10 27 A large Hand-Club, roughly finished in a hard black stone, $11\frac{1}{2}$ *in. long*; it has a broad flat blade, tapering in thickness towards the top and resembles, in general form, the *mere* of N. Zealand; to insure the grip, the handle is faced with broad flat bands, running lengthwise; *found in the long disused workings of a copper mine in the extreme W. of Co. Cork* [Pl. I] 1

2 12 28 A long Celt or Hand-Club, of roughly dressed stone, $10\frac{1}{4}$ *in. long*; the splayed head with sharpened edge, the body long and narrow and with incurved sides, the end narrow; from *Co. Antrim*; *a similar*

LOT 28—*continued.*

weapon is noted in the R. Hib. Inst. Catalogue. And a roughly trimmed (?) Hand-Club, 11 *in. long*, described in the "Examiner," and called as "*the Slipper of Finn ma Cool's Wife's Sister*"; *found under one of "Finn ma Cool's fingers stones," at Conna*, 1890 (2)

29 A very fine Axe-Hammer in porphyritic stone; $4\frac{1}{4}$ *in. long*; the wedge-like blade, 3 *in. long*, has flat sides and a broad cutting edge, $2\frac{1}{4}$ *in. wide*; a wide and deep groove around the butt; *found in Kilculley Graveyard, Co. Cork*, 1878; *a fine and very rare implement* [Pl. I] 1

30 A stone Hammer (?) with thin and flat blade, of axe-like form, and irregular projecting butt: $4\frac{1}{2}$ *in. long*, $4\frac{1}{4}$ *in. wide along the butt*; *found, with a celt, at Inniscarra.* An oval stone Hammer or Maul, $5\frac{1}{2}$ *in. long*, $2\frac{1}{2}$ *in. wide*, pierced in the centre, the hole worked from both sides and widening out on each surface; *Cookstown, Co. Tyrone.* A small stone Hammer, made from a naturally shaped pebble *about* $2\frac{1}{2}$ *in. long*; a large hole very cleanly drilled through the centre; *Aughrim* 3

31 A stone Hammer, oval, *about* $4\frac{3}{4}$ *in. long by* $2\frac{3}{4}$ *in. wide*; a very large funnel-shaped hole in the centre, worked from both sides; *Castle Martyr, Co. Cork.* Another, thicker and of blunt oval shape; the sides and ends rather flat, the hole large and the drilling straighter; $4\frac{1}{4}$ *in. long*; *Kilrea, Co. Antrim* 2

32 A small but finely finished and shaped Axe-Hammer in porphyritic stone, $3\frac{1}{2}$ *in. long*; of long oval shape, pointed at the cutting edge; the central hole straightly drilled and the top (or bottom) surface hollowed out the full length of the stone; *Clough Castle, Co. Antrim*; *a fine and very rare specimen* [Pl. I] 1

33 An unfinished Axe-Hammer in dark metamorphic stone; long diamond shape, $6\frac{1}{2}$ *in. long*, 3 *in. wide, and about* $1\frac{1}{2}$ *in. thick*; the surfaces carefully shaped and rubbed flat; the edges coated with a thick patination; no trace or marking for central hole; one of the long ends has been rubbed down, obliquely; *from Ballybeg Bog, near Bellaghy, Antrim*; *very rare and interesting* 1

34 A flat celt-shaped Hammer of polished stone; 5 *in. long*; the butt very wide, the sides straight and slightly widening towards the face; *Co. Antrim.* Three flat Hammer Stones of more or less circular

LOT 34—*continued.*

form ; one, *about* $2\frac{7}{8}$ *in. diam.*, has a depression roughly "jumped" in the centre of one side, *Ballintoy* ; the second, of larger size, has a larger and more carefully finished depression on each side, *Co. Antrim* ; the third (about $2\frac{1}{4}$ *in.* across its greatest length) has a wide but very shallow depression on each side, *Co. Antrim.* A Spear-Head of very roughly flaked stone ; 7 *in. long* ; *from the Stephenson collection, Belfast.* A long narrow Celt of stone, 5 *in. long* ; all the faces ground flat ; the butt wide, the sides almost parallel and the cutting edge rather obliquely set ; the surface is thickly patinated ; *from the Bandon River, at Bandon* ; *a curious lot* 6

35 A remarkable (Rubber or Burnisher ?) of carefully polished green stone ; *about* $1\frac{3}{4}$ *in. long,* 1 *in. wide at top,* $1\frac{3}{4}$ *in. at base, and* 1 *in. thick* ; the bottom surface is rounded off, the rest is flat ; *Bellaghy, Co. Derry* ; a small flat Hammer (Rubber ?) of polished stone ; *about* 3 *in. by* 2 *in.* ; of oval form with obtuse ends (which show signs of use) ; the sides ground flat ; *Co. Antrim* ; *both rare specimens* 2

36 A flat oval Stone, probably used as a Polishing Stone or Table, *about* $3\frac{1}{2}$ *in. by* $2\frac{3}{4}$ *in.* ; thin and with both the flat sides somewhat hollowed by use ; and two flat finger-shaped Hones or Polishers, 6 *in. and* 4 *in. long,* with a hole piereed at one end ; *all found together at Carrigaline, Co. Cork.* A larger Polishing Table of thin stone, eireular (5 *in. diam.*) with both sides slightly hollowed by use ; *Co. Antrim.* Two square finger-shaped Finishing Stones or Hones, one in red stone, *from Rathcoursey, Co. Cork* ; the other, *from Lisnisk, Antrim.* A long flat Chisel, of thin stone, *from Clough, Antrim.* A long stone Ornament (?) with a hole at each end, *Antrim.* And a curious so-called "Altar Stone" (probably a small anvil or flattening stone), *from Co. Westmeath* 9

37 Two flat Polishing Tables of thin stone, one, $4\frac{1}{4}$ *in. long, from Co. Antrim* ; the second, 3 *in. long, from near Belfast* ; both have the flat surfaees worn by use. Two egg-shaped (Hammer Stones ?) *from Bandon and Carrigaline* ; another, longer and with abraded ends, *from the River Bann.* A long flat chisel-edged Implement of thin stone, $8\frac{1}{2}$ *in. long, from Toorne, Co. Antrim.* A long three-sided Hone, $7\frac{1}{2}$ *in. long, from the bed of the Shannon.* And three uncertain pieces from *Ballintry, Loughavilly and Tristernagh Abbey,* the last with a natural relief, having a supposed resemblance to figures of the B. V. Mary and Infant Christ 10

38 A small stone Celt, $3\frac{1}{2}$ *in. long*, the pointed butt missing; *Lough Gur.* A small Celt, $2\frac{3}{4}$ *in. long*; a Chisel, $2\frac{1}{4}$ *in. long*; and a portion of a Hone or Polishing Stone; *all from Co. Antrim.* Nine small Celts, of varied type, $1\frac{3}{4}$ *in. to* 3 *in. long*; and four finger-shaped Chisels, $2\frac{3}{4}$ *in. to* $3\frac{3}{4}$ *in. long*; *localities unknown* 17

39 Implements without Localities. A very large stone Celt, with long body, tapering sides and pointed butt, 12 *in. long.* Another, rounder and not so well formed, $8\frac{3}{4}$ *in. long.* And the lower part of a large polished stone Celt, with straighter sides and cutting edge, $4\frac{1}{2}$ *in. long* 3

40 Six polished stone Celts, $4\frac{1}{2}$ *in. to* 6 *in. long*; two of regular pointed ovate type; three broad and flat, and with wider and straighter butts; another, of narrower form, with incurved sides; *the last fractured at the butt end*; *all good pieces* 6

41 Two stone Celts, $5\frac{3}{4}$ *in. and* $4\frac{3}{4}$ *in. long*, with pointed butts and obliquely set cutting edges. A large Celt, with curved adze-like cutting edge, $6\frac{3}{4}$ *in. long*; two others with similar edges, but smaller in size and roughly finished, $3\frac{1}{2}$ *in. and* $2\frac{1}{2}$ *in. long.* A long chisel-like Implement, with narrow cutting edge, 6 *in. long.* And a large stone Axe, $8\frac{1}{2}$ *in. long*, curved and with a large hole pierced through the centre, resembling specimens from the Channel Islands 7

42 Seven stone Celts, *about* $4\frac{3}{4}$ *in. to* 7 *in. long*, of varied shape, one roughly hollowed out at the waist for attaching it to the staff 7

43 Fourteen smaller Celts, 2 *in. to* $4\frac{1}{2}$ *in. long*; varied types, some thick and with rounded butts, others flat and round or straight butted (one with a hole deeply drilled in near the butt), and three of thin stone, with short and broad blades 14

44 A similar lot of small Celts in polished stone; $2\frac{3}{4}$ *in. to* 4 *in. long* 14

45 Six circular or oval Stones, with a wide hollow worked in on each face; three carefully rounded (one of them with the sides worked to a dull edge in the centre). An oval Stone, with a smaller hollow worked on one only of the flatter sides. And an irregularly-shaped Pebble, carelessly but deeply drilled with wide tapering holes on each side; *a remarkable lot* 8

46 Five pierced stone Hammers or Mauls; one, circular, *about* $4\frac{1}{4}$ *in. diam. and* $2\frac{3}{4}$ *in. thick*; two of long ovate form, 5 *in. and* $4\frac{3}{4}$ *in. long*; two smaller and more regularly oval in shape, *about* $2\frac{3}{4}$ *in. long.* And four grooved Hammer-Stones, of varied shape, two with cross and two with longitudinal grooving 9

47 Ten piereed Hammers or Club-Heads of stone, mostly flat and circular in shape (one has the edge much flattened by wear, and may have been used as a wheel). A piereed Sinker, and a long oval Pestle, abraded at the ends 12

48 Six small Polishing Stones, mostly of oval shape, *about* 2 *in. to* 2½ *in. long*; all are deeply grooved or hollowed by use. And a larger pebble, ground down on one side, probably intended for use as a grinder or polisher; *an interesting lot* 7

49 A large Hone, of square section and tapering at each end, 14 *in. long*, the deep grooves at one end seem to have been made to take a metal suspender. A smaller Hone, of similar shape, 10¼ *in. long*. A rectangular Hone or Finishing Stone, *about* 4 *in. long and* 2 *in. wide*, thin, and with a large hole drilled through the centre. And five smaller Hones or Finishing Stones, of varied shape and size, all holed or pierced 8

FLINT JAVELIN AND ARROW HEADS,

found in Ireland.

50 Four leaf-shaped Javelin or Arrow-Heads, of thin finely chipped flint, *about* 2½ *in. to* 3 *in. long*; one long and narrow, another worked on one side only. Four others, of smaller size, about 1⅞ *in. to* 2 *in. long*, all finely shaped, and one worked on the upper side only; *all good pieces* [Pl. III] 8

51 Nine others, small, *about* 1¼ *in. to* 2 *in. long*; all of broad leaf-shaped form and varied in outline; one is unworked on the lower side, and another worked on the point and edges only; *a very good lot* 9

52 Twelve others, 1¼ *in. to* 2 *in. long*; similar to last, but of narrower and more pointed form; one or two lightly worked only on the under side; *several very fine* 12

53 Six very fine Arrow Heads, 1⅞ *in. to* 2⅞ *in. long*; all leaf-shaped, with long and narrow points; *a very good lot* [Pl. II] 6

54 Ten Arrow Heads, 1 *in. to* 1⅞ *in. long*; all leaf-shaped and of broader type than pieces of preceding lot; one has two deep notches in the sides for taking the thong by which it was bound to the shaft; another has two similar notches on one side only; *some very fine* 10

55 Eight Arrow Heads, 1⅛ *in. to* 1⅞ *in. long*; of broad and narrow leaf form, but mostly approaching to the diamond or kite-shaped varieties; *one unusually thin and finely chipped* 8

56 Two very fine Javelin Heads, $2\frac{7}{8}$ *in. and* $2\frac{1}{8}$ *in. long*; both kite or diamond-shaped, and very finely formed and worked; the larger in fine brown flint [Pl. II] 2

57 Three others; two of very fine shape and finely worked (one broken at the thick end); $2\frac{7}{8}$ *in.*, $3\frac{1}{4}$ *in. and* $3\frac{3}{8}$ *in. in length* [Pl. III] 3

58 Seven Arrow Heads, $1\frac{1}{2}$ *in. to* 2 *in. long*; all diamond-shaped and very thin and finely worked (one of jasper). Three others, of similar type, but lengthened at the ends to form a tang; *an excellent lot* 10

59 Two others, $2\frac{5}{8}$ *in. and* $2\frac{7}{8}$ *in. long*; one, with very long sides and obtuse butt, is worked from the edges only. Seven thin and finely-shaped Arrow-Heads, $1\frac{1}{2}$ *in. to* $2\frac{1}{2}$ *in. long*, all of diamond-shaped type, or approaching thereto. And a small barbed Arrow Head, without tang; *mostly fine* 10

60 Three small triangular-shaped Arrow Heads, the bottom edge slightly hollowed out; nine others, 1 *in. to* $1\frac{1}{4}$ *in. long*, with broad and deeper hollowing on the lower edge; *all finely preserved and mostly carefully worked* [Pl. II] 12

61 Twelve triangular Arrow Heads, $\frac{7}{8}$ *in. to* $2\frac{3}{8}$ *in. long*: all with more or less deep hollowing on the lower edge; mostly slightly varied in outline; *some fine specimens included* 12

62 A similar lot 12

63 A similar lot 12

64 A similar lot [Pl. II] 12

65 A similar lot of thirteen flint Arrow Heads, 1 *in. to* $2\frac{1}{4}$ *in. long*; the larger part with the hollowing squarely arched; *some very fine* 13

66 Twelve others, *as last lot*; *mostly very fine* 12

67 Fourteen Arrow Heads, of similar type to preceding lots, but with very deep openings (forming long barbs or ends to the wings); *an excellent lot* 14

68 Twelve large Arrow or Javelin Heads, all with stems or tangs, and mostly with barbed ends to the wings; $1\frac{7}{8}$ *in. to* $2\frac{7}{8}$ *in. long*: an interesting lot and varied; *one in jasper, the others in flint* 12

69 Ten others; $1\frac{1}{2}$ *in. to* 4 *in. long*, all tanged and varied in size and outline; one without barbs; another, with very long and narrow blade; another, with very broad wings and dull pointed; four with curved barbs; several with very long tangs, etc.; *an interesting lot, one in jasper* 10

5 — 70 A lot of smaller Arrow Heads, $\frac{7}{8}$ *in. to* $2\frac{1}{4}$ *in. long*; all tanged and with more or less developed barbs; *a good lot* [Pl. II] 16 — Jermain

1 14 — 71 A similar lot of Arrow Heads, all tanged and mostly barbed; one unusually broad and thin; *an interesting lot* 16 — Tempest

2 . — 72 Ten large Arrow Heads, of varied type; $2\frac{1}{2}$ *in. to* $3\frac{1}{4}$ *in. long*; three of broad or narrow-leaf type, three with narrow blades and obtuse angled ends, three of "single-barb" type, and one with very long slender blade and expanded ends; *a very interesting lot* 10 — Lawrence

1 12 . — 73 Four "single-barb" Arrow Heads; five roughly-shaped Arrow Heads or Flakes; two small Awls or Borers, both well chipped; two Piereers; a small Arrow Head with fish-tail butt (*American?*); and three Fabrieators; *an interesting and varied lot of implements* 17 — Jenton

1 10 — 74 Two Knives or Javelin Heads, $4\frac{1}{4}$ *in. and* $4\frac{1}{2}$ *in. long*; both finely worked and of leaf-shape type; the shorter speeimen with narrow blade; *rare* 2 — Fenarden

3 3 . — 75 Eight Knives or Serapers; three made from eurved flakes and nieely chipped, the others straighter but not so mueh worked. And two Arrow-Heads, one of leaf-shape, the other unfinished; *interesting and uncommon* [Pl. III] 10 — L.

6 15 . — 76 Nine shell-baeked Scrapers, mostly of pointed oval-shape and nieely formed and worked. And seven others, less earefully fashioned [Pl. III] 16 — Jermain

2 12 . — 77 A small Dagger or Knife, of Seandinavian type; $5\frac{5}{8}$ *in. long*; the blade leaf-shaped and about $3\frac{3}{4}$ in. long; the tang, or handle, broad and chipped to form a slight ridge in the centre: found at *Tulla, Co. Clare*, 1892 [Pl. III] 1 — Bennett

*** *Of the utmost rarity and considered by the owner to be the only example of this type found in Ireland.*

10 — 78 Six large Scrapers, etc., of pointed ovate, duek's bill and less regular forms; all of brown flint and from *Toome*. Two small Celts and various Scrapers, Flakes, ete., mostly in bleached flint; from *Belfast, Antrim, Ballintoy, Donald's Hill, Carrickfergus, etc.* 16 — Lawrence

10 . — 79 A small collection of flint Flakes and roughly formed implements found in *Co. Antrim*; mostly in brown flint 40 — do

2 12 . — 80 Twenty-two small Flakes of flint, mostly with a erescent-shaped opening worked on one side and presumably used for rounding down the shafts of spears and arrows; and a eurious heart-shaped Stone (an amulet); all from *Antrim* 23 — Jenton

STONE IMPLEMENTS FROM VARIOUS COUNTRIES.

81 *England.* Early flint Celts, from *Hanwell, West Drayton, Broom Hall, Downham and Mildenhall.* A polished stone Celt, from *Bottisham Fen.* A large roughly-made piereed Hammer (or wedge), from *Wilderspool.* And a small polished stone Celt, from *Banffshire, Scotland* 8

82 *France.* Four large pointed Implements, all roughly worked, from *Abbeville, St. Acheul, etc.*; three flat ovate Implements, more regularly formed and worked, from *St. Acheul*; a long well-formed Celt, narrowing towards the butt and with straight cutting edge; and two polished flint Celts of small size; one re-worked, the other from *Ozoir le Breuil.* And five stone Celts, one polished; from *Epinas, St. Brieux*, and *Poiret* 15

83 A number of Serapers, Flakes, etc., principally from *France* and *Belgium*; *a few well-finished pieces included* 20

84 *Belgium: Germany: Sweden.* Five long, roughly-flaked, Implements, from *Spienne, Mons*; four others of varied form (two from *Nouvelles*). A long polished flint Adze, 8 *in. long*, narrowing towards the butt which is almost square in section; the gouge-like cutting edge finely worked; *N. Germany*; and a small flat Celt of polished flint, *about* 4 *in. long*, the sides worked flat, the butt narrow and straight; found near *Berlin*, the surface covered with a red jasper-like patination. And two Celts of polished flint, from *Sweden*; $6\frac{1}{4}$ *in. and* $4\frac{1}{2}$ *in. long* 13

85 *Denmark.* A very long Celt, *about* 11 *in. long*, of finely chipped flint; the sides, almost parallel and chipped flat, worked to a rounded cutting-edge at each end. Another, $9\frac{3}{4}$ *in. long*, semi-polished on one side; the sides chipped flat and narrowing towards the straight butt; *both very good specimens and uncommon* 2

86 *Denmark.* A long Celt of finely-worked flint; $10\frac{1}{2}$ *in. long*; similar to last piece but without polishing; the edges with fine "ripple" chipping. And a very long and narrow Celt, *about* 13 *in. long*, the four sides all polished; *both good specimens* 2

87 *Denmark.* Two large Celts, $7\frac{1}{4}$ *in. and* $8\frac{1}{4}$ *in. long*; both chipped flat on the sides and narrowing towards the butts; two others, 5 *in. and* $6\frac{1}{2}$ *in. long*; similar but polished on the wide faces; three smaller Celts of long and narrow form; all slightly polished and one with a re-worked butt; and a long narrow Chisel, $8\frac{1}{4}$ *in. long*; chipped to a square section and with traces of a slight polishing; *the last piece rare* 8

88 *Denmark.* Two smaller polished Celts, one with chipped and the other with polished sides; another, thinner and polished all round; another, of very thin flint, *about* $6\frac{3}{4}$ *in. long*, polished on the two faces and with chipped sides (*a very fine specimen*); and three polished Adzes, one with straight cutting-edges, the other hollowed out as a gouge; *all very good typical specimens* 7

89 *Denmark.* Two fine leaf-shaped Knives or Daggers, $9\frac{3}{4}$ *in. and* $8\frac{1}{4}$ *in. long*; of thin finely worked flint; *both good specimens* 2

90 *Denmark.* Another Knife, $8\frac{1}{2}$ *in. long*; squared off at the end, the surface bleached. A small Knife or Dagger, 5 *in. long*, of dark finely chipped flint. Another, $5\frac{1}{4}$ *in. long*, finely chipped and with short, rudimentary grip or handle 3

91 *Denmark.* Two finely chipped Knives or Daggers, *about* 7 *in. and* 6 *in. long*, each with long grip or handle, the shorter piece with leaf-shaped blade 2

92 A very fine Knife or Dagger, of thin dark coloured flint, *about* $8\frac{3}{4}$ *in. long*; the blade broad and leaf-shaped, the handle of fair length; *a very good specimen and finely preserved* 1

93 A VERY FINE DAGGER, of dark carefully chipped flint, $6\frac{3}{4}$ *in. long*; the blade leaf-shaped and about 4 *in. long*; the handle expanding towards the end, where it is trimmed and chipped flat; the side edges of the handle are ripple-chipped, and a ridge of similar finishing is left standing in the centre of each side; *an exceedingly good specimen* 1

94 *Denmark.* A small Dagger, $4\frac{1}{2}$ *in. long*; the short thick grip has a ridge of ripple marking in the centre of one side. And four curved Knives, 7 *in.*, $4\frac{1}{2}$ *in. and* $3\frac{3}{4}$ *in. long*; two with the upper edges arched and the lower straight, the smallest with the lower edge incurved; *all typical pieces* 5

95 *Denmark.* Two flint Nuclei, with marks of long chipping. A pierced Axe, and two boat-shaped Axe-hammers, of stone. And a Hammer-Stone, of pointed oval shape, flat on both sides and with wide shallow groove around the edges 6

96 *Switzerland, etc.* Four small Celts in hard green stone (one jade?), all set in parts of deer's antlers (for mounting in wooden shafts). A small pierced Celt from *Greece*; and a small obsidian Core or Flake 6

97 *India* : *Africa.* Two small (Palæolithic) Implements of roughly-chipped stone, 4 *in. and* $5\frac{1}{2}$ *in. long*, both of pointed ovate shape ; *Bundelkhand, India* ; and a Hammer or Pounding Stone, *about* $4\frac{3}{4}$ *in. long*, the sides roughly grooved and holed for giving a firm grip ; *Hanipore, India.* And three ovate Implements, a Scraper and a Chipping, all of stone and from *Kimberley, S.A.* 8

98 *Africa.* A large number of roughly made Flakes, Scrapers, etc., in stone ; from *Kimberley and district* ; *all with localities marked* *a lot*

STONE IMPLEMENTS FROM N. AMERICA.

99 A roughly flaked stone Axe ; long and with pointed butt and straight cutting edge, $7\frac{1}{2}$ *in. long, New Brunswick.* Two others in dark stone, one 7 *in. long*, thick and tapering towards the narrow butt ; the second, 6 *in. long*, thin and narrow, and rounded at each end. A narrow polished Axe, flat on the lower side and arched on top. A thin and broad ovate Implement (Hoe ?) of well-chipped flint ; $5\frac{1}{4}$ *in. long*, 4 *in. wide ; Illinois.* Five roughly chipped Implements, *one from Randall, another from Indiana.* A fine Axe, $5\frac{1}{4}$ *in. long*, narrow and with rounded cutting edge, the butt straight ; and a fine narrow Gouge or Chisel, 7 *in. long*, partly polished, *both in chert, and from Illinois* 12

100 A very large Implement in flint, 11 *in. long and* $4\frac{3}{4}$ *in. wide*, probably used as a hoe ; thin and of long oval form, the wider end highly polished by continuous use ; *Tennessee.* Another of broad oval form with straight top, $6\frac{3}{4}$ *in. long by* $5\frac{1}{2}$ *in. wide* ; also very thin ; two deep sinkings chipped-in near the top for taking the fastening thongs ; the cutting edge also polished by long use ; *both remarkable and skilfully worked specimens, and rare* [Pl. IV] 2

101 Eight large Celts in partly or wholly polished porphyritic stone ; the largest about 9 *in. long*, the others from $4\frac{3}{4}$ *in. to* $6\frac{1}{2}$ *in. long* ; *from Pennsylvania, Indiana, &c., all good specimens* 8

102 Eleven others of smaller size, $4\frac{1}{2}$ *in. to* $3\frac{1}{2}$ *in. long* ; one or two polished, and mostly with the cutting edge carefully ground ; *Ohio, Illinois, Virginia, Michigan, &c.* 11

103 A large grooved Axe-Hammer, or Wedge, in porphyritic stone, 8 *in. long* ; the blade unusually long (*about* 5 *in.*), a deep groove near the butt passing around three sides ; *Ohio.* Two others, shorter and in varied stone, *one from Ohio ; the first a rare specimen* 3

104 Four grooved Axe-Hammers of varied stone; *all about* $4\frac{1}{2}$ *in. long*; *one from Pike County and another from Ohio* 4

105 An unusually fine GROOVED AXE-HAMMER, *in hematite*; about $3\frac{3}{4}$ *in. long* and $2\frac{3}{4}$ *in. across* widest part; the deep groove and blade polished; the cutting edge somewhat obliquely set; *very rare* [Pl. IV] 1

106 Four similar grooved Axe-Hammers, $4\frac{1}{2}$ *in. to* $5\frac{1}{2}$ *in. long*; of varied stone and roughly made. And two similar Implements, of less massive make and possibly intended for use as hoes; one grooved, the other merely hollowed out at the sides near to the top; *the last from Buckingham, Va.* 6

107 A large circular Hammer-Stone, grooved across the centre; porphyritic stone; *Oregon.* Another, of oval shape; with a shallow groove running around lengthwise; *both rare.* A large water-worn Pebble (Hammer?) with a shallow depression bruised-in on each of the flat sides. And three *worked* Discoidal Stones, "Chunkee Stones," with a wide shallow depression ground-in *on each side*; *one from Georgia* 6

108 Two large Discoidal Stones, *about* $4\frac{1}{2}$ *in. diam.*, known as "Chunkee Stones" (used by the Mandan Indians in their games; this Tribe is now extinct); a deep hollow worked in on top and bottom; one in a fine quartz-like stone and finely finished; the other, of rougher work, from *N. Carolina*; *both very rare* [Pl. IV] 2

109 A saddle-shaped Stone, $2\frac{1}{2}$ *in. long*, pierced with a large lengthwise hole. A double-winged Stone (Axe-Head?), pierced with a large hole running from top to bottom; *about* 4 *in. across* the tips of the wings. And a small curiously shaped Stone, the outline resembling that of a head-rest, or crutch-shaped staff-head; *all remarkable and rare pieces* [Pl. IV] 3

110 Three stone Sinkers, one from *Monroe County*, the others from *New York State.* A pierced Hone or Polishing Stone, thin and with a design scratched-in on each of the flat sides; *Ohio.* A diamond-shaped "Gorget," used for twisting bow-strings; *Ohio.* And two large (Beads or Amulets?), one of steatite, cylindrical, and pierced through and across, from *Missouri*; the second, of limestone and annular, from *Illinois.* And two small receptacles in rudimentary pottery; *an interesting lot* 9

111 A remarkable Lamp or Cruse in stone, roughly shaped as a bird; the receptacle for the oil circular and placed upon a short foot; the bird's head and tail project from opposite sides; *British Columbia*; *very rare* 1

112 SPEAR AND ARROW HEADS, &c. Forty-four Arrow-Heads, of varied form, $1\frac{1}{4}$ *in. to* 3 *in. long* ; all rather roughly flaked in flint or other stone (*two in quartz included*) 44

113 Ten large Lanee Heads, 2 *in. to* 3 *in. long* ; barbed and with broad tangs ; *all finely formed and perfect* 10

114 Sixteen large Arrow-Heads, $2\frac{1}{8}$ *in. to* $2\frac{7}{8}$ *in. long* ; mostly barbed and with broad tangs ; *a very good lot* 16

115 Twenty-two Arrow Heads, of varied form and stone, $1\frac{1}{2}$ *in. to* 3 *in. long* ; leaf-shaped (6), leaf-shaped with straight butt (2), triangular (2), triangular and with broad tang (3), barbed without tang (2), barbed and tanged (7) ; *a very good lot* 22

116 Twenty-six Arrow Heads, 1 *in. to* 2 *in. long* ; varied in shape and material ; *some very finely worked* 26

117 Twenty-five small Arrow Heads, $\frac{3}{4}$ *in. to* $1\frac{1}{2}$ *in. long* ; *all very nicely worked, some interesting varieties included* 25

118 A similar lot 25

119 Twenty-six very small Arrow Heads, $\frac{1}{2}$ *in. to* 1 *in. long* ; *some in very choice stone* 26

120 Seventeen very small and finely worked Arrow Heads, as in last lot. And eight larger pieees, 2 *in. to* $\frac{3}{4}$ *in. long* ; *some of abnormal type* 25

121 Three large Spear Heads, leaf-shaped, *about* $4\frac{1}{2}$ *in. long* ; another, with leaf-shaped serrated blade and fish-tail butt, $3\frac{5}{8}$ *in. long* ; another, with broad tang worked at the end, $4\frac{1}{8}$ *in. long* ; six others, $1\frac{3}{4}$ *in. to* $2\frac{1}{2}$ *in. long* ; all barbed and with broad tangs ; *a very good lot, all finely worked* 11

122 Four unusually fine leaf-shaped Spear Heads ; two, 5 *in. by* $4\frac{1}{2}$ *in. long*, with long pointed blades ; the others very thin and of broad ovate form, $3\frac{3}{4}$ *in. by* $2\frac{7}{8}$ *in. long* [Pl. V] 4

123 Four narrow Spear Heads, with fish-tailed butts, 3 *in. to* 5 *in. long* ; two others, with very narrow blades, projeeting barbs and broad tangs, $3\frac{1}{4}$ *in. to* $2\frac{5}{8}$ *in. long* ; another, $1\frac{1}{2}$ *in. long*, with broad fan-shaped eutting edge and very wide tang ; another, barbed, of the ordinary triangular form and with fish-tailed tang ; *a very good lot* 8

SECOND DAY'S SALE.

STONE IMPLEMENTS FROM N. AMERICA—*continued.*

LOT

124 A broad leaf-shaped Implement, $4\frac{3}{4}$ *in. long by* $2\frac{1}{2}$ *in. wide*; Six large Arrow (or Spear) Heads, $2\frac{3}{4}$ *in. to* 3 *in. long*, of triangular form with notches worked at the lower corners to form barbs and a broad tang; another, smaller, with long narrow blade notched at the ends for hafting; *Ohio* and *Illinois*; *a very good lot* 8

125 Ten Spear and Arrow Heads, of varied size; one small and triangular; three large and two small, with arched sides and straight ends; and one large and three small showing gradations from the last-named variety to the barbed and tanged type; *an interesting lot and all fine specimens* 10

126 Fourteen Spear and Arrow Heads, $1\frac{1}{2}$ *in. to* 3 *in. long*; six showing the tanged development from the leaf-shaped variety; six of later style with the deeply notched corners forming barbs and broad tang; two very broad and with fan-shaped cutting edge; *a very good lot* 14

127 Twenty-five Spear and Arrow Heads, $1\frac{3}{4}$ *in. to* 4 *in. long*; three narrow and slightly hollowed-out on the lower sides for hafting; twelve with tangs and more or less developed barbs, narrow blades, and straight, arched or incurved sides; nine with broad tanged blades, mostly barbed; and one of the double wing type without tang; from *Illinois, N. York State, Indiana, Ohio, Savannah River, Michigan, etc.* 25

128 Six Spear Heads, $2\frac{1}{2}$ *in. to* $4\frac{1}{2}$ *in. long*; four with long and narrow and two with broad blades; one merely hollowed-out at the base, the others with the lower parts of the sides chipped to form a tang or tang and barbs. Eleven Arrow Heads, $1\frac{1}{2}$ *in. to* 2 *in. long*, of leaf shape; some with and some without tang; from *Virginia, Ohio, Illinois, Kentucky, etc.* 17

129 Twenty-eight Spear and Arrow Heads, *from $\frac{3}{4}$ in. to $3\frac{3}{4}$ in. long*; with long leaf-shaped blades, notched or tanged; leaf-shaped; long leaf-shaped hollowed-out at the butts; triangular, plain or tanged; triangular with deep notches at side and in centre of butt; leaf-shaped with footed tangs, etc.; *many very finely made and of pretty stone* 28

130 A similar lot of Spear and Arrow Heads; *also a good lot* 28

131 Three leaf-shaped Knives or Daggers, 6 *in. to* 7 *in. long.* And seventeen Spear Heads of various well-known American types; *Illinois, etc.*; *some finely worked and uncommon* 20

132 Three Knives or Daggers, $4\frac{3}{4}$ *in. to* $5\frac{3}{4}$ *in. long*; the largest has the remains of an ammonite embedded in one side; another has a short handle and resembles the similar stone weapons from Scandinavia. And seventeen Spear Heads of varied type, including one of an unusual and rare shape, the blade narrow and very long ($3\frac{1}{2}$ *in. long and* $\frac{1}{2}$ *in. wide*) with two broad wings and a tang at the base; *Illinois* (one from *Virginia*) 20

133 Forty-seven Arrow Heads of varied size and type; some very finely worked and two or three of obsidian included; *Ohio, Indiana, Oregon, California, etc.* 47

134 Sixteen Spear and Arrow Heads, of varied shape and finely made in jasper, onyx, obsidian, quartz, flint and other stone; from *Savannah and Columbia Rivers, Oregon, etc.* (one from *Peru*); *a very choice lot* 16

135 Thirteen Spear (or Arrow) Heads, of varied size and form as noted in preceding lots. And twenty-one Arrow Heads; *Savannah and Flint Rivers, Utah, etc.*; *some finely made* 34

136 A similar lot of Spear and Arrow Heads; *Ohio, Savannah and Flint Rivers, etc.* 33

137 Sixty-nine Spear and Arrow Heads, in varied stone and including several in quartz; many labelled with localities; *a few fine, but the greater part of ordinary make* 69

138 Forty-three Spear and large Arrow Heads in varied stone (including specimens in quartz, jasper and onyx); many varieties of form: long leaf-shape; leaf-shape with straight or fish-tail butts; narrow or broad blades with tangs, barbs and tangs, and straight or arched sides; long narrow blade with wide butt; narrow blade with rounded head; and broad blade with fan-shaped cutting edge; (four worked flakes and two remarkable curved implements included); *Illinois, Savannah River, Arkansas, etc.*; *a good lot* 43

139 A large Spear Head, leaf-shaped with straight butt, made from a twisted flake of metamorphic stone (these twisted blades are considered by some to acquire a rotary motion when hurled, or shot from a bow). A large Arrow (?) Head of moss-agate, with pointed blade and wide wings. And seventeen large Arrow Heads of varied type (including a few with deeply serrated or toothed edges), *all finely made and some in choice stone*; *California*, *Illinois*, *Washington Territory*, *etc.* 19

140 Seven barbed and tanged Arrow Heads, all made from very thin flakes of stone and most beautifully and skilfully worked; the longest and most perfectly shaped is $2\frac{3}{4}$ *in. long*, and very little more than $\frac{1}{10}$ *in. in thickness*; *a choice lot* [Pl. VI] 7

141 Seven long and slender Arrow Heads, *about* $1\frac{3}{4}$ *in. to* 2 *in. long*; and six others of varied form and measuring $\frac{5}{8}$ *in. to* $1\frac{1}{8}$ *in. long*; all very finely worked and some in jasper, agate and sardonyx 13

142 A similar lot of fine Arrow Heads, also of varied form and in choice stone (one in obsidian) 13

143 Forty Spear and Arrow Heads of varied type and material; two of quartz; some finely worked pieces included; *California*, *Savannah River*, *Pennsylvania*, *Georgia*, *Ohio*, *N. York State*, *Indiana*, *Virginia*, *etc.* 40

144 A similar lot of Spear and Arrow Heads; *Georgia*, *Indiana*, *Missouri*, *Ohio*, *N. York State*, *Virginia*, *etc.*; a fine barbed Arrow Head in chalcedonic flint, from *Alaska*, included 40

145 Eight Spear Heads of varied type, from *Michigan*, *Georgia*, *Illinois*, *Ohio*, *etc.* And fifteen Arrow Heads, from *Georgia*, *Idaho*, *Indiana*, *Kentucky*, *Ohio*, *Virginia*, *etc.*; some with deep serrations; one or two in quartz; *several finely worked pieces included* 23

146 A similar lot of Spear and Arrow Heads; *Georgia*, *California*, *Virginia*, *New York*, *Ohio*, *Indiana*, *etc.*; *some interesting and fine pieces included* 23

147 Twenty-two Spear Heads, etc., of varied stone, and including specimens from *Indiana*, *Carolina*, *Georgia*, *Oregon*, *New York*, *New England*, *Kentucky*, *and Tennessee* 22

148 A very fine tanged Knife or Dagger (*broken*), *about* $11\frac{3}{4}$ *in. long*; dark cherty flint; found in *Ohio*; the blade leaf-shaped, the tang broad and tapering towards the butt; *a very rare implement.* And Casts of a similar Dagger (smaller), and of a remarkable Dagger with short blade, long grip, and splayed foot; *taken from the originals in the Smithsonian Institute* 3

149 A pareel of about Sixty-five large Arrow (?) Heads, in various stone, *many with localities marked; a few fine specimens included, but mostly rather roughly formed* 65

150 A similar pareel of Thirty-nine Spear and Arrow Heads, *some with localities marked; a few rather fine specimens included* 39

151 A flat ovate Implement (Hoe), the lower surfaee polished by eontinued use. A long narrow Axe, one end sharply pointed, the other broad and straight-edged. Four Knives (?), three of broad leaf-like shape, the fourth long and narrow; and two long Spear-Heads and four Arrow-Points 12

152 Twenty-two Spear and Arrow Heads, in varied stone; nearly all finely worked and typieally representative Amerieau speeimens; *some with localities noted* 22

153 A similar lot of Implements, many in prettily marked stone 20

154 Fifty-four Arrow Heads, some of small size; many finely shaped and worked 54

155 Twelve tanged Spear Heads, *about* 3 *in. to* $4\frac{3}{4}$ *in. long*; all with long blades; eight with side or eorner notehings to form the tang, and some with dentulate edge working; *a very good lot* [Pl. V] 12

156 Twelve others, with broader blades, $2\frac{1}{2}$ *in. to* $3\frac{3}{4}$ *in. long*; three with the edges formed by flaking and ehipping on alternate sides; *a very good lot of slightly varied types* [Pl. V] 12

157 Twelve Spear Heads, of varied type, 2 *in. to* $4\frac{1}{4}$ *in. long*; one leaf-shaped, another flat lozenge-shaped type, one of narrow finger-like form with hollowing at the base, four with long points and wide bases (all varied in shape), another with long thin blade and four projeeting points at the base for attaehment to the shaft, another with a long narrow point, trimmed on alternate sides and with oval base notehed at the end, and another with narrow point, wing-like barbs and a broad tang; *a very good lot, several rare varieties included* [Pl. V] 12

158 Eighteen Spear Heads, of smaller size, *about* 2 *in. to* $3\frac{1}{2}$ *in. long*; of varied type, *some very fine* 18

159 Thirty-five Arrow Heads, of varied type; some of the simple leaf-shaped and triangular forms included; *several in obsidian, quartz, jasper, onyx, porphyry, etc. included* 35

160 Thirty-five small Arrow Heads, varied types; all earefully seleeted speeimens, and many in ehoiee stone; *an excellent lot* [Pl. VI] 35

161 Forty very small Arrow Heads; all carefully selected and many very finely worked 40

162 A small parcel of varied Implements, Scrapers, Flakes, Cores, etc., principally from *America*; a parcel with two Esquimaux Arrow Heads and a Flake, and another with a number of small Flakes from Alaska included *a lot*

163 A very small polished Celt, $1\frac{1}{2}$ *in. long, Ohio.* A similarly small grooved Axe-Hammer (in hematite?), $1\frac{1}{2}$ *in. long.* Two small well polished Celts, $2\frac{1}{4}$ *and* $2\frac{1}{2}$ *in. long*; from *Long Island.* Two larger Celts, from *Lake Ontario*; and two others, from *Ohio* 8

164 Eleven Celts (some in jade), from *British Columbia* (6), *Slave River* (2), *Fraser River* (2), and *Alaska.* Four small Celts and a worked Stone, found on the beach at *N. Saanich.* A remarkable Axe of walrus ivory, from *Alaska*, and a much-used Axe Head of jade and part of the handle (in *cariboo* deer bone), found in an Indian grave in *British Columbia*; *an interesting and rare lot* 19

165 Four plummet-shaped Amulets, or "Medicine Stones," three in hematite (?) and one in a light coloured stone; *the longest about* $4\frac{1}{8}$ *in. the shortest about* $2\frac{1}{2}$ *in. long*; two from *Illinois.* A Hone, or Polishing Stone, *British Columbia.* Three small Celts (one in hematite). A tablet-shaped Amulet of stone, pierced. Two "Paint-Stones" of hematite, one from *Illinois*, the second, egg-shaped, from *W. Virginia.* And a small pierced Axe (?) pointed at each end 12

166 Three plummet-shaped Amulets, as in last lot. A small Celt, pierced for wearing as an amulet. A "Paint-Stone" of hematite. Two conoid Polishing Stones, one in hematite. A bone Arrow Head. A curious Axe, shaped as a bird's beak, and pierced at the butt with a large hole running from top to bottom. A Polishing Stone, with crudely engraved figures of an Indian, a deer, birds, fish, etc. And a pair of stone Pendants from earrings, *Navaho*; *an interesting lot* 11

167 A wide and flat Celt, from *Bermuda.* Another, with pointed butt, and polished, *Demerara.* Three polished Celts, from *Peru.* A polished Celt, and another, 8 *in. long*, with narrow body of square section, both from *Brazil*; *all very uncommon* 7

168 A roughly made stone Axe, *New South Wales.* Two Knives or Daggers, made from pointed flakes of hard stone, one set in a handle of lac or gum, the other in a rush handle bound with corded grass; both from *Australia.* A very long and narrow Axe

LOT 168—*continued.*

of jade, 11½ *in. long*, well shaped and finished; and a very large and heavy Implement (?), of light coloured jade, roughly finished and dull pointed, and with two deep grooves on one side (*New Zealand* ?) 5

169 *New Zealand.* A large wide Axe of jadeite, with straight butt, 7 *in. long*, 4¼ *in. wide*; another, thinner and better finished, 6½ *in. long*, 3¾ *in. wide.* Five smaller Axes, 3¾ *in. to* 5¼ *in. long*; three with broad blades, another of narrower shape, and one with gouge-like cutting edge; *all very good specimens* 7

170 *New Zealand.* Three long Axes of jade, 6 *in.*, 6½ *in.*, *and* 7¼ *in. long*; all with traces of shaping grooves at sides; another, very narrow, *about* 6 *in. long*; and a short Axe-Head, 2 *in. long*; *all rare pieces* 5

171 *New Zealand.* Six small Axe Heads in varied hard stone; a flint Flake; and an annular Club Head in serpentine 10

172 A large annular Club-Head, from the *Solomon Islands.* A flat Axe, from *Pitcairn's Island.* Two large Axe-Heads of stone, one piereed in the eentre; another, smaller, of jade; and a spiked Club-Head of stone; all from *New Guinea.* And three shell Axes or Adzes, from *Barbadoes* 9

173 A few Arrow Heads, of various types, from *England and Scotland*; others from *Italy*; and a eard with small Implements from *India* 22

BRONZE IMPLEMENTS,

from Ireland.

I.—BRONZE CELTS.

174 *A.* FLAT CELTS. Two exeeedingly early Celts, roughly east in praetically pure eopper, and almost wholly untrimmed; one 4½ *in. long*, with the sides nearly straight and rounded butt, from *Jerpoint, Co. Kilkenny*; the other, 5 *in. long*, has the sides slightly ineurved and a straighter butt; *Co. Limerick*; *both exceedingly interesting and rare* [Pl. VII] 2

175 Another early flat Celt, 2⅞ *in. long*; the sides straight, the butt rather round; *Tullamore.* Another, larger and showing advanced form, 6 *in. long*; the sides incurved, the butt rounded; the cutting edge shows signs of having been hardened by hammering before grinding; *Adare, Co. Limerick*; *both of almost pure copper*; *the last oxidized* [Pl. VII] 2

176 Two others, copper, $4\frac{1}{2}$ *in. and* $4\frac{7}{8}$ *in. long*; similar to last piece in preceding lot, but with straighter butts; the larger, formerly in the collection of Richard Sainthill, the numismatist; both from *Dunmanway, Co. Cork* 2

177 Two others, similar, but rather narrower at the butt ends; copper; $4\frac{1}{4}$ *in. and* $3\frac{1}{2}$ *in. long*; the larger piece dull edged and not quite so flat as those of preceeding lots; *Co. Cork*; *the larger from Ballybeg, Buttevant* 2

178 A large flat Celt, $5\frac{3}{4}$ *in. long*; the butt rather straight; a very well formed implement, the flat sides showing impressions of worked lines in the mould (stone); *West Carbery.* Another, smaller, and with the narrower butt rounded off; $4\frac{3}{8}$ *in. long*; *Kanturk*; *both interesting, the last piece thickly patinated* 2

179 Two large flat Celts of copper, *about* $6\frac{1}{4}$ *in. and* 6 *in. long*; similar to preceeding: the butts rather straight and broad, the cutting edge wide; the larger from *Liscarrol, Co. Limerick*; the second (found with two flanged celts), from *Cullinagh, Beaufort, Killarney*; *both are well patinated, and the surfaces show that they were carefully finished by grinding* 2

180 A large flat Celt, $6\frac{5}{8}$ *in. long*; the butt rather narrow, the sides spreading to a very wide cutting edge (5 *in. wide*); *Drumcliff.* Another Celt ($4\frac{3}{8}$ *in. long*); smaller, more massive, and of more ordinary form; *Co. Fermanagh* 2

181 Two Celts, similar to those in preceeding lots; the larger piece with wide blade; $6\frac{3}{4}$ *in. long*; from *Drumcliff*; the smaller, from *Co. Cork*, is $4\frac{5}{8}$ *in. long*, and has the sides sharply splayed by the beating out of the cutting edge; *both interesting specimens* 2

182 A large flat Celt, $6\frac{3}{8}$ *in. long*; the butt and upper side almost straight, the lower side incurved; the surface bears the marks of hammering, and the lower side is slightly hollowed out where the handle was fitted to the blade; *Cullinagh, Beaufort, Killarney*; *a very rare variety* 1

183 A large and finely shaped flat Celt, $6\frac{5}{8}$ *in. long*; said to be of pure copper; the butt wide and slightly rounded, the sides incurved, and the cutting edge wide and fan-shaped; one of the sides with slight hollow to take the handle; found near *Cork*; *a very fine specimen* 1

184 Another flat Celt, $6\frac{5}{8}$ *in. long*; similar to last, but narrower at the rounded butt; the edges are very carefully chamfered off on each side, leaving a high central line; from *Rathcormac, Co. Cork*; *a very fine and rare specimen* [Pl. VII] 1

185 A smaller flat Celt, of similar type to the preceding piece; $5\frac{3}{8}$ *in. long*; the sides chamfered off on the edges and flat in the centre; from *Ballymena*; *a highly finished implement, in perfect condition, and very rare* 1

186 A large and massive flat Celt, *about* $6\frac{3}{4}$ *in. long*; the butt end wide, straight and thick; the sides finely curved; *Co. Clare*; *a very fine specimen* 1

187 A large and finely made flat Celt; $6\frac{3}{8}$ *in. long*; thick at the butt; which is straight; fine fan-shaped cutting edge; the blade is slightly hollow in the centre, and a deeper hollow runs along each of the sides—apparently produced by beating down the upper and lower faces; *Tullamore*; *a very rare variety* [Pl. VII] 1

188 Two massive flat Celts, broad and of smaller size; 4 *in. and* $4\frac{5}{8}$ *in. long*; the first has the butt end beaten down (by use?); from *West Carbery*: the second is narrower and widens out at the butt; *both rare and interesting pieces* 2

189 Two similar Celts, $4\frac{1}{2}$ *in. and* $4\frac{5}{8}$ *in. long*; one, with very broad butt and straight sides, has the beating out of the cutting edge very sharply defined; *Armagh*; *the larger piece in very fine condition* 2

190 A large flat Celt, $7\frac{1}{2}$ *in. long*; thin and sharpened at both ends; the butt somewhat narrow and the blade very broad ($5\frac{1}{2}$ *in. from point to point*); *Belfast*, 1870; *a fine and well-shaped specimen* [Pl. VII] 1

191 A large flat and thin Celt, $7\frac{1}{4}$ *in. long*; very similar to piece last described, but not quite so broad in the blade and the butt end not so sharply edged; the beating of the cutting edge well defined; *Lisnisk Bog, Co. Antrim*; *a very good specimen* 1

192 A flat Celt of long and narrow form, 7 *in. long*, $3\frac{3}{4}$ *in. across the blade*; the butt rounded and beaten very thin; the sides worked to form a series of connected lozenges, placed lengthwise; *Ballinhassig, Co. Cork*; *very rare* 1

193 Another, of very similar form, and of the same size; the side edges worked with the same lozengy pattern; the faces ornamented with three bands of broad chisel-marked lines; from *Mullingar*; *finely preserved and very rare* [Pl. VII] 1

194 A flat Celt, of similar form to last specimens; $6\frac{1}{2}$ *in. long*, $3\frac{3}{4}$ *in. wide across the blade*; the faces ornamented with three broad and shallow V-shaped groovings running parallel with the sides of the implement; found at *Donaskeagh, near Tipperary*, 1878; *very rare* 1

195 A very similar flat Celt; $6\frac{1}{8}$ *in. long and* $3\frac{5}{8}$ *in. across the blade*; on each side are six chisel-marked lines running parallel with the sides, the two central lines united; *Co. Mayo*; *very finely preserved and rare* [Pl. VII] 1

196 A smaller Celt of very similar shape to preceding pieces; $5\frac{1}{4}$ *in. long*; the faces covered on the lower part with short lines, irregularly arranged, but all running lengthwise; the sides chamfered off to a central ridge and ornamented with herring-bone lines; *Famlough, near Bandon* 1

197 A VERY FINELY ORNAMENTED CELT; $7\frac{5}{8}$ *in. long*; of similar form to preceding; the faces ornamented with engraved line patterns—parallel and Vandyke lines and large connected triangles—all, apparently, punched in with a chisel; the sides have been beaten down so as to form a slight ridge or flange on the faces; they are worked with similar facets of lozengy pattern as is shown on the pieces in lots 187 and 188; *the celt was broken by the ignorant finder, who thought he had a "wedge of gold"*; *Londonderry*, 1871; *very rare and valuable* [Pl. VIII] 1

198 A well-shaped flat Celt; $5\frac{3}{4}$ *in. long*; similar to preceding pieces; the sides with slight traces of hammering; on the faces are traces of a chisel-marked line ornamentation (design uncertain). And an unusually small Celt, $2\frac{3}{4}$ *in. long*; with slight flanges at the sides; *Co. Cork*; *both rare* 2

199 A flat Celt, of similar style to first piece in preceding lot; $5\frac{1}{2}$ *in. long*; the faces ornamented with chisel-markings, on the butt end three double lines; on the upper part of the blade a shaped compartment bordered by double lines and filled with single lines of markings; the sides, beaten down and forming a slight flange, are rounded off and worked with a cable-like design of hollow flutings; the butt diminishes in thickness towards the end, and about 2 in. down shows a slight ridge or rudimentary "stop"; *Co. Cork*, 1866; *in fair preservation and very rare* [Pl. VIII] 1

200 A flat Celt, $6\frac{1}{8}$ *in. long*; similar to preceding piece, but badly preserved, and with traces only of ornamentation; *Cashells, near Bandon*. And a small Celt, $4\frac{1}{8}$ *in.*; the sides beaten up to form a slight flange and expanding towards the butt 2

201 A flat Celt, $5\frac{5}{8}$ *in. long*; similar to first piece in last lot, but rather narrower at the butt; the sides beaten up to form a slight ridge; the two faces ornamented with fine chisel-markings arranged in single or double lines; two wide and shallow depressions above the edge of the blade; *King's County*; *rare* [Pl. VIII] 1

202 A flat Celt, 6 *in. high*; the sides beaten up to form a slight flange, and expanding toward the butt; the faces ornamented with chisel-markings in lines running across the blade; the butt has been bent down and hammered; found near *Londonderry*; *a very rare variety, and finely preserved* 1

203 A larger flat Celt, of similar type, $6\frac{5}{8}$ *in. long*; a very finely shaped specimen, with slight stop-ridge in the centre and a broad shallow hollow above the hammered cutting edge; the faces ornamented with broad chisel-markings, all running from top to bottom; the sides, beaten up to make a slight ridge, are rounded off and worked with a cable-like pattern of broad shallow flutings; *from the Stephenson Collection, Lisburn*; *a very rare weapon, and in excellent condition* [Pl. VIII] 1

204 A similar flat Celt, $6\frac{3}{4}$ *in. long*; very similar to last piece, but with finer chisel-markings and without the hollow above the edge; the sides merely beaten down and rounded off; found near *Tullamore*; *finely preserved and rare*; *the sharp butt has been turned over and hammered* [Pl. VIII] 1

205 A similar Celt, $6\frac{3}{4}$ *in. long*; the chisel-marked ornament coarser than that of the preceding piece; the sides beaten down and worked with a connected lozenge ornament; the top of the flange marked with cross-lines; found with the preceding piece at *Tullamore*; *also finely preserved and rare*; *the butt turned down by hammering* [Pl. VIII] 1

206 An unusually fine and large flat Celt, $8\frac{7}{8}$ *in. long*; with slight flanges and very slight stop-ridge; the faces ornamented with chisel-markings; two shallow and wide depressions across the blade over the cutting edge; the sides worked with a cable-like pattern of deep flutings; found near *Tullamore*; *finely preserved and very rare of this large size* [Pl. VIII] 1

207 A flat Celt, of unusual form, $6\frac{1}{4}$ *in. long*; the body long and narrow, and resembling the outline of the early flanged type of celt; the wedge-like butt narrowing towards the end, where it is sharply edged; a well-defined ridge across the thickest part of the blade; found near *Armagh*; *a very rare variety* [Pl. VIII] 1

208 A small flat Celt, with flanges, *about* $3\frac{7}{8}$ *in. long*; a panel of herring-bone line ornament on the lower part of the body, the sides with a similar ornament of broad shallow groovings; the top of the wedge-shaped butt cut away to form projecting points at the sides; *Carlow*; *rare* [Pl. VIII] 1

209 A similar Celt, with flanges and curved lightly-marked stop ridges; *about* $3\frac{3}{8}$ *in. long*; a panel of herring-bone line ornament below the stops; the sides worked with crossway groovings arranged in a cable pattern; *King's County*; *rare* [Pl. VIII] 1

210 A larger Celt, with slight flanges and curved stop-ridges; $4\frac{5}{8}$ *in. long*: a band of three parallel groovings worked in below the stop and a similar band of four groovings lower down the blade; the sides finished with five lengthway facets; *a rare specimen* [Pl. VIII] 1

211 A similar Celt; *about* $5\frac{1}{4}$ *in. long*; the blade below the stops ornamented with long parallel groovings arranged between groups of three and four curved groovings; the sides worked with a cable-like reeded pattern; found near *Glanworth, Co. Cork*, 1886; *a very fine specimen and rare* [Pl. VII] 1

212 *B.* Winged, or high-flanged Celts. A small winged Celt, $2\frac{3}{4}$ *in. long*; the broad wedge-like butt hollowed out to leave a projecting point at each side; found near *Enniskillen*. Another, $3\frac{1}{8}$ *in. long*; with deeper flanges along the narrow body and a slight stop-ridge (moulded); *Athlone*. Another, *nearly* 4 *in. long*; with high, very thin flanges and a moulded stop-ridge; the sides worked with broad crossway flutings, a deep hollow beaten in above the cutting-edge; *Co. Antrim*; *all varied and interesting pieces* 3

213 A remarkable type of Celt, with long heavy flanges and *without* stop-ridges, $4\frac{3}{4}$ *in. long*; the body long and rather narrow, the flanges chamfered off on each side and deeply notched along the top; *Lisburn*; *from the Stephenson collection* [Pl. VII] 1

214 A larger winged Celt, with rudimentary stop-ridge, $5\frac{1}{2}$ *in. long*; the wings broad and extending about half the length of the implement; *Co. Roscommon*. Another, small and without stop-ridge, 4 *in. long*; long and narrow blade with incurved sides, the wings high and extending along the upper part of the body only; *Co. Antrim* 2

215 A winged Celt, with stop-ridge, $6\frac{1}{4}$ *in. long*; the wings long and merging into the blade; *Co. Wicklow*. Another similar but of smaller size, $3\frac{5}{8}$ *in. long*; found near *Dungannon*, 1867; *the first an unusually fine specimen* 2

216 A winged Celt, with deeper stop-ridge, $5\frac{1}{2}$ *in. long*; a broad mid-rib in the centre of the blade, running down from the top; a hollow worked along the sides of the wings; found at *Coote Hall, Co. Roscommon.* Another of peculiar form and unusually thin, $4\frac{7}{8}$ *in. long*; the body long and narrow, the blade wide and fan-shaped; found with another of similar form (see next lot) in *Co. Antrim* 2

217 A winged Celt, with stop-ridge, $4\frac{5}{8}$ *in. long*; similar to last piece in preceding lot, with which it was found in *Co. Antrim.* Another, of more ordinary shape and with high wings, $5\frac{1}{2}$ *in. long*; an arrow-head ornament, in slight relief, upon the blade, the central line running from the deep stop-ridge, the side ones continued from the ends of the wings or flanges: *Armagh* 2

218 A high-winged Celt, with deep stop-ridges, $4\frac{7}{8}$ *in. long*; a deep groove worked on each side of the blade below the stops, beneath these a curved shallow hollow running across the blade; the broad wings *engraved* with horizontal and diagonal lines; *Castle Caldwell.* Another, $4\frac{5}{8}$ *in. long*; with lighter and longer wings and low stop-ridge; a curved line in relief across the centre of the blade; a hollow moulding along the edges of the wings, the centres filled with diagonal reeding; *Kirkhills, Scotland*; *the first piece very rare* [Pl. IX] 2

219 A winged Celt, with stop-ridge, *about* $5\frac{3}{4}$ *in. long*; a curved line in relief running across the blade from the ends of the wings; the upper part of the blade slightly ridged in the centre; the wings chamfered off at the sides and slightly hollowed; two raised bands across the lower part; *from the collection of Archdeacon Brown of Castlebar*; *very rare* [Pl. IX] 1

220 A winged Celt, with slight stop-ridges, $6\frac{3}{8}$ *in. long*; the wings short and very high; the blade slightly ridged in the centre and with a leaf-shaped ornament beaten up below the stop; the very broad wings worked with a deep hollow along the sides and with a broad band in relief across the base; found at *Mullaghasandle, near Glenarm*, 1865; *patinated and in very fine condition, very rare* [Pl. IX] 1

221 A winged Celt, with stop-ridges, $5\frac{3}{8}$ *in. long*; the fan-like blade very broad and finely shaped, a curved line in relief running across the blade, and another placed below the stops; the wings flat in the centre and chamfered off towards the edges, which are engraved with crossway lines; *from the Stephenson collection, Lisburn*; *a rare and unusually fine specimen* [Pl. IX] 1

222 A winged Celt, with stop-ridges, $5\frac{1}{2}$ *in. long*; a curved rib running across the blade, the space between this and the stop filled in with parallel V-shaped lines; the long wings ornamented with crossway parallel groovings; *Lancarty, Perthshire; a rare variety* [Pl. IX] 1

223 A small winged Celt, with stop-ridges, 4 *in. long*; the wings long, the blade broad and fan-shaped; *Dungannon*, 1867. Two others with shorter wings and long narrow blades, $5\frac{1}{8}$ *in. and* $4\frac{7}{8}$ *in. long*; each with a broad mid-rib running down the blade from the top; the smaller piece from *Balleydehob, Co. Cork* 3

224 A large winged Celt, with stop-ridges, $6\frac{5}{8}$ *in. long*; a broad mid-rib running from the stop: the wide wings rounded off in the centre, and a broad hollow worked along the sides. Another, $5\frac{5}{8}$ *in. long*; with very high wings and narrowed in at the waist; a slight stop-ridge is formed by the projecting upper end of a broad mid-rib; the ends of the crescent-like cutting edge bent round to form sharp hook-like points; the high wings appear to have been beaten over to grip the wooden handle; *King's Co.; the first piece very fine, the second very rare* [Pl. IX] 2

225 An arrow Celt, with high wings and stop ridges, $4\frac{5}{8}$ *in. long*; a raised U-shaped line on the blade; the upper part of the body, above the stops, deeply slotted; a hollow on each side of the broad wings which are shaped as a spear-head; *Kanturk.* Another, with similar characteristics, but with an unusually short blade, *total length* $3\frac{3}{8}$ *in., length of blade* $1\frac{1}{2}$ *in.; Renny, near Mallow; the last piece very uncommon* 2

226 A remarkable Celt, with high wings, $5\frac{5}{8}$ *in. high*; the upper part of the body with unusually deep slotting, the lower end of the slot forming a very effectual stop; on the upper part of the blade proper three raised lines, arranged as a Y; *Dublin*, 1873; *an extremely rare variety in very good condition* [Pl. IX] . 1

*** *Figured in Evans' "Ancient Bronze Implements," fig.* 100, *p.* 102.

227 Two winged Celts, with slotted tops and projecting stop-ridges; one with raised line in centre of blade, the end met by two curved lines continued from the ends of the wings, $4\frac{3}{4}$ *in. long*; *Athenry, Co. Galway*; the second, without ornament and roughly cast, $4\frac{1}{2}$ *in. long*; *from Co. Cork* 2

228 A very large winged Celt, with stop-ridges, $7\frac{1}{8}$ *in. long*; the upper part slotted, a hollow roughly cut in across the top; *found in the river Suck near Ballinasloe.* Another, $5\frac{1}{8}$ *in. long*; with broad ribs in the centre and along the sides of the blade: *Athlone*, 1860; *the first rare of this size* 2

229 A winged Celt, with high stop-ridges, $5\frac{1}{4}$ *in. long*; the lower parts of the wings and the top of the stop-ridge beaten over towards the deeply sunk centre; mid-rib slightly marked; the points of the blade curled up; *Dublin*, 1869. Another, very similar, $3\frac{3}{4}$ *in. long*; *Newpass, Co. W. Meath*; *both very uncommon* 2

230 Two winged Celts, with stop-ridges; one with slight mid-rib, 6 *in. long*; *Bushmills*, 1870; the second $5\frac{3}{8}$ *in. long*, with deep groove on each side of the blade below stops and a ridge across the base of each wing; *Co. Meath* 2

231 A long and narrow winged Celt with stops, $5\frac{1}{2}$ *in. long*; curved ribs across the blade at base of flanges; the wings worked with a hollow along the edges and with groups of three or four groovings across the centre; *Lough Erne, Enniskillen.* Another, $5\frac{1}{4}$ *in. long*; the blade broader and with mid-rib; a heater-shaped sinking below the stops; *Kanturk*, 1884. Another, roughly shaped and cast, $3\frac{1}{2}$ *in. long*; a deep notch cut in three of the edges, probably to hold a cord; *River Mayne, Co. Kerry* 3

THIRD DAY'S SALE.

BRONZE IMPLEMENTS—*continued.*

LOT

232 One side of a STONE MOULD for easting a high-winged eelt of advaneed type, similar to those in preceding lots; *about* $5\frac{3}{8}$ *in. long*; a triangular sinking at the top of the part forming the blade; the lower half of the projeetion forming the sunk slot in the body of the easting has been broken away in use—an aeeident which must have happened very frequently to moulds of this type; the mould appears to be in a dark coloured granular steatic stone; found in *Co. Antrim*; *extremely rare and interesting* [Pl. IX] 1

233 A rare variety of winged Celt with deeply sunk stop-ridge; $4\frac{3}{8}$ *in. long*; the lower part of the wings beaten over to form a sort of socket, the graeefully curved ends plaeed well on to the blade and eontinued by raised lines to the eentre, where they meet a similar line running from the stop; *Carrigaline, Co. Cork* [Pl. IX] 1

234 A similar Celt to last described; $4\frac{3}{8}$ *in. long*; the lower ends of the wings less graeefully disposed upon the blade; in the centre of the blade, below the stop, a long shield-shaped ornament in relief; *also very rare* [Pl. IX] 1

235 Another, 5 *in. long*; of very similar form to last piece but with a loop at the side; the raised ornament in the eentre of triangular form; found at *Coloony, near Sligo*, 1864; *very rare* [Pl. IX] 1

236 Two flanged and looped Celts; one, $5\frac{3}{4}$ *in. long*, with long spreading blade, found at *Aghadoe, Killarney*; the other, $5\frac{3}{8}$ *in. long*, with shorter blade and a re-inforeing piece, in high relief, running down from the stop; found at *Kanturk*, 1857; both have the wings and stops continuous 2

237 A flanged and looped Celt, $5\frac{3}{8}$ *in. long*; similar to last and with the same shaped re-inforcement; *Castle Island, Co. Kerry.* Two others from the *Wiltshire Downs*; one, $5\frac{3}{8}$ *in. long*, with central ridge reinforcement to stop; the second, $5\frac{5}{8}$ *in. long*, has two narrow re-inforcing ribs meeting on the blade and forming a Y-shaped ornament 3

238 *C.* Socketed Celts. A very large socketed Celt with side loop, $4\frac{7}{8}$ *in. long*, $3\frac{7}{8}$ *in. across the points of blade*; a broad raised band around the neck; *from the Stephenson collection, Lisburn*; *a very fine and rare specimen* [Pl. IX] 1

239 A smaller socketed and looped Celt, $4\frac{1}{8}$ *in. long*; the blade narrower than preceding; a narrow raised band, or line, around the neck; *fine* [Pl. X] 1

240 Another, $4\frac{1}{4}$ *in. long*; the sides with ten longitudinal facets; a line engraved around the collar; *Co. Cork*; *a very rare variety* [Pl. X] 1

241 Two similar Celts; one, $3\frac{5}{8}$ *in. long*, with a triple-lined band around the neck, *Ballinasloe, Co. Galway*; the second, $3\frac{1}{4}$ *in. long*, is flatter sided, has a raised line running down each side, another round the neck, and a broad projecting collar; found with a stone hammer in *Kilcully Graveyard, near Cork*; *the second piece interesting and rare* [Pl. X] 2

242 Two socketed and looped Celts; one, $3\frac{3}{8}$ *in. long*, with narrow raised bands around the collar and neck; the ends of the loop continued on the face of the body and neck by raised lines; *Co. Westmeath*; the second piece, $3\frac{1}{2}$ *in. long*, with a narrow band around the neck and a deep hollow moulding beneath the collar; *Ballina*; *from the collection of Archdn. Brown*; *both very good pieces* 2

243 Two similar socketed Celts with loops; one, $3\frac{1}{2}$ *in. long*, with narrow rounded band or collar; the other, of same length, plain; the first from *Portora Ford, Lough Erne*, the second from *Ballygawley, Co. Tyrone*; *both patinated and finely preserved* 2

244 Three smaller socketed and looped Celts; one very broad and with spreading blade, $2\frac{1}{2}$ *in. long*, with projecting moulded collar; *Parsonstown*; another, with chisel-shaped blade and rather flat at the sides, $2\frac{3}{4}$ *in. long*, narrow raised bands around collar and neck; *near Cork*; the third, of similar shape to last piece, with raised line around the neck and three running down each side of the blade; from *Hambleton Down, Northumberland* [Pl. X] 3

245 A small socketed and looped Celt, $2\frac{5}{8}$ *in. long* ; with projecting collar and four groups of two raised lines at the sides ; *near Cork.* Another, made from a clay mould ; $3\frac{1}{8}$ *in. long* ; the sides narrow and flat ; below the collar four raised bands of cable pattern (moulded from a twisted cord of rush or thread) ; *Lough Erne* ; *both interesting and rare, especially the last* [Pl. X] 2

246 A small socketed Celt, 3 *in. long* ; a raised band around the collar and neck ; another, $2\frac{7}{8}$ *in. long*, a hollow beneath the collar, *Enniscorthy, Wexford*, 1836 ; another, $3\frac{1}{8}$ *in. long* ; plain, *Parsonstown*, 1862 ; *all good specimens* 3

247 Three others ; one, $2\frac{1}{2}$ *in. long*, with narrow incuse lines below collar and around neck ; *Durrow Abbey, King's Co.* ; another, 2 *in. long*, with narrow bands in unusually high relief around collar and neck ; *Co. Antrim* ; the third, *also* 2 *in. long*, of squarer form and with a single raised band around the neck 3

248 Three others ; one, $2\frac{3}{4}$ *in. long*, with raised bands around the collar and neck, and with a hole on one side near to the loop, possibly intended for pinning the weapon to the shaft ; another, $2\frac{3}{8}$ *in. long*, with projecting collar and narrow raised line around the neck, has the ends of the cutting edge worked out very thin and curled round towards the sides, *Lisalea, Killevan, Co. Monaghan* ; the third, $1\frac{7}{8}$ *in. long*, with projecting collar and a rather broad raised band around the neck ; *Co. Cork* 3

249 Three others ; one, $2\frac{5}{8}$ *in. long*, with projecting collar, the ends of the cutting edge thin and curled in towards the sides ; another, $2\frac{3}{8}$ *in. long*, with incuse lines around the neck ; *Gortnagrough, Ballydehob* ; another, $1\frac{7}{8}$ *in. long*, with broad collar and two raised bands of varied width around the neck 3

250 Three others, one *about* $2\frac{5}{8}$ *in. long*, very imperfectly cast and with faulty cutting edge ; another, $2\frac{1}{4}$ *in. long*, with a band of four incuse lines below the projecting collar ; the third, $1\frac{3}{4}$ *in. long*, has the spreading neck ornamented with two raised bands 3

251 Two long-bladed socketed and looped Celts ; one, $4\frac{1}{4}$ *in. long*, square at upper part of body, with broad moulded collar and a deep grooving along the upper parts of each angle ; the second, $3\frac{3}{8}$ *in. long*, with slender body and spreading mouth and blade ; the sides finished with three long facets, two slightly raised bands around the neck ; *Co. Cork* ; *both unusual varieties* [Pl. X] 2

252 A similar long-bladed soeketed Celt, $4\frac{3}{8}$ *in. long*; the sides with three long chamfers or faeets, a band of five narrow groovings around the neck; *Ballina*; from Arehdeaeon Brown's collection. Another, $4\frac{5}{8}$ *in. long*; with long slender body and ehisel-like blade; of square seetion, the mouth reinforeed by an unusually broad rounded eollar; *Co. Down*; from the *Stephenson collection*; *the last piece a very rare variety* [Pl. X] 2

253 A square soeketed Celt, $3\frac{3}{8}$ *in. long*; similar to last, the reinforeing eollar broad and flat but of lighter make; *Co. Cork*. Another, $3\frac{1}{2}$ *in. long*; the long body of oval seetion; a band of seven grooved lines below the eollar. Another, $3\frac{1}{4}$ *in. long*; broad, oval body; the mouth hollowed out at baek and front and projeeting at eaeh end; upon the eollar two raised lines; on eaeh side of the blade a group of three eurved lines in relief; the loop has been broken off; *all unusual varieties, the last patinated and specially rare* 3

254 *D.* Chisels, &c. A small flat Celt or Chisel, $3\frac{7}{8}$ *in. long*; with spreading blade and narrow sharpened butt; the sides ehamfered off to a eentral ridge; from *River Suck, at Ballinasloe*. Another, $2\frac{7}{8}$ *in. long*; with spreading blade and a narrow butt, and slightly ridged in eentre; *Wexford*. Another, $3\frac{1}{4}$ *in. long*, of more massive make and better finished; the ridge in the eentre plainly marked; keenly edged at both ends; *Wexford*; *all extremely rare* [Pl. X] 3

255 A small bronze Celt or Chisel, 3 *in. long*; of long narrow form; the upper half beaten out on eaeh faee and side to form slightly projeeting edges; from the *Cranog at Lough Revel, Co. Antrim*. Another with wings and sunk stop-ridges, $2\frac{7}{8}$ *in. long*, a eurved line, in relief, half-way up the blade; from the same *Cranog* as last speeimen; *both extremely rare implements* [Pl. X] 2

256 A large flat Chisel of bronze, $6\frac{5}{8}$ *in. long*; the blade long and narrow, about $\frac{3}{4}$ *in. wide* at the top and $1\frac{3}{8}$ *in.* aeross the slightly spread blade; on each side, about 3 *in.* from the top, a braeket-shaped stop; *found near Bandon*; from Dr. Caulfield's eollection. Another, *nearly* $4\frac{1}{2}$ *in. long*, of similar style but lighter make; the upper part formed as a long slender tang $2\frac{3}{4}$ *in. long*; from the *Lough Revel Cranog, Antrim*; *both very rare* [Pl. X] 2

257 A short and broad Chisel with crescent-shaped cutting edges at each end, 3 *in. long*; one of the blades about $2\frac{1}{8}$ *in. wide* across the points, the other smaller; on each side is a large Λ-shaped stop; from the *Lough Annagh Cranog*, 1890. And a socketed Gouge, $1\frac{5}{8}$ *in. long*; from *Co. Cork*; *both rare, the first piece especially so* [Pl. X] 2

258 A small Chisel with lateral flanges or wings, $3\frac{1}{4}$ *in. long*; the blade with incurved sides, the upper part with lateral sinkings forming flanges and stop ridges. Another, $4\frac{1}{4}$ *in. long*, with slender duck-bill blade ($2\frac{3}{4}$ *in. long*) and a long mid-rib running from end to end of the implement; the short wedge-shaped upper part deeply grooved on the sides to form wings or flanges; both from *Ballymena*; *both extremely rare pieces* [Pl. X] 2

259 A small socketed Chisel, $2\frac{5}{8}$ *in. long*; the blade very narrow; the spreading shaft circular and without ornament; *Mullingar*. And a socketed Gouge, $3\frac{5}{8}$ *in. long*; a thin raised band around the neck and a ring-like collar at the top; *Londonderry*; *both very fine specimens, the first very rare* [Pl. X] 2

260 A very rare "eold" Chisel of massive bronze, $6\frac{1}{8}$ *in. long*; the shaft circular (the mould marks visible on the sides); the cutting edge and top both show signs of considerable use. And a shorter Chisel or Punch of similar style and type, $2\frac{7}{8}$ *in. long*; the first from the *Lough Revel Cranog*, the second found at *Muckross Abbey, Killarney*; *both extremely rare* 2

261 A flat Celt of early type, $5\frac{3}{8}$ *in. long*; with incurved sides and increasing in width towards the cutting edge; found near *Elgin*, 1909. Another of later type, $6\frac{1}{2}$ *in. long*, with continuous wings and stop ridge; *Kinnoul, Perthshire* 2

262 *E.* Continental Celts in Bronze. An ancient Egyptian Axe Head, $5\frac{1}{4}$ *in. long*; the blade thin and widening out at the butt; the sides somewhat incurved; the butt straight and set at an angle of about 85° to centre line of blade. A long Celt with flanges, $6\frac{7}{8}$ *in. long*; the flanging running the entire length of the sides; a fish-tail opening in the centre of the butt; *Sardinia*; *both very good examples*; *the last finely patinated* 2

263 A long Celt with continuous wings and stop ridge, $6\frac{1}{2}$ *in. long*; a ridge in the centre of the blade; *Tours*. And two small socketed and looped Celts, $2\frac{7}{8}$ *and* 2 *in. long*, each with square body and reinforcing collar at top; *Normandy* 3

264 A long Celt with continuous wings and stop ridge, $6\frac{1}{4}$ *in. long*; a broad reinforcing ridge below the stop with a deep groove on each side. And a small socketed and looped Celt, $2\frac{1}{4}$ *in. long*, the faces flat and giving a regular wedge-shaped section to the blade; *both from Denmark* 2

265 A finely patinated Celt, about 8 *in. long*; the blade tail-shaped and very narrow at top; in the centre two broad wings beaten over to form a V-shaped socket; above this a long tang-shaped body of notable thickness; *North Germany* 1

266 A similarly shaped Celt, $6\frac{1}{4}$ *in. long*; the long upper part, or body, hollowed out to form a flange on each side; *Hungary* 1

267 Two flat Celts with long narrow bodies and broad wings placed in the centre; one $6\frac{1}{2}$ *in. long*, the other (ground down or otherwise shortened) $5\frac{1}{2}$ *in. long*; the wings beaten over to the centre; a deep slot cut in the butt end; *both from Italy* 2

KNIVES, DAGGERS, HALBERDS, RAPIERS, AND SWORDS.

268 A small KNIFE or DAGGER BLADE of beaten copper, $3\frac{3}{4}$ *in. long*, $1\frac{3}{4}$ *in. wide at base*; the blade very thin, and of triangular shape, the edges hollowed out by use and sharpening; two deep slots at each side of the hafting plate and another, shallower, at the bottom; *Kells, Co. Meath.* Another, bronze, leaf-shaped and with a hole pierced in the bottom of the broad tang, 5 *in. long*; a bold ridge along the centre of the blade; *Craigs, Co. Antrim* (*figured in Proc. Soc. Ant. 2nd Ser. Vol. V*); *both very rare pieces* 2

269 A long-tanged DAGGER (?) BLADE; *total length* $8\frac{3}{4}$ *in.*, tang $2\frac{1}{2}$ *in. long*: two parallel Λ-shaped grooves on the triangular blade; a hole pierced in the end of the slender tang; *West Meath*, *vide Evans*, *p.* 259, where it is mentioned; *very rare* [Pl. XI] 1

270 A socketed KNIFE or DAGGER; *total length* $9\frac{3}{4}$ *in.*; *socket* $2\frac{1}{2}$ *in. long*; the blade leaf-shaped and with a slight groove running near the edges; the oval socket rather flat at the sides and hollowed out at top where it joins the blade, a large rivet-hole on each side of the mouth; *Athlone*, 1888; *very rare* [Pl. XI] 1

271 A smaller soeketed KNIFE, $5\frac{5}{8}$ *in. long* ; the blade flat and thin, and slightly grooved along the edges ; the socket ($1\frac{3}{8}$ *in. long*), oval, and with ineurved sides, a projeeting moulding around the mouth ; the rivet hole running from faee to faee ; *Mullingar* ; *very rare* ; [Pl. XI] 1

272 A small DAGGER BLADE, $5\frac{3}{8}$ *in. long* ; thin tongue-shaped blade, broad at the base, and narrowing off to a sharp point ; the lower part slotted to take two steadying pins or rivets ; *Athlone.* Another, 8 *in. long* ; the blade long and narrow, the base broad and of oval form ; a strongly marked midrib running from end to end ; *both rare forms* [Pl. XI] 2

273 A small Dagger Blade, $4\frac{1}{2}$ *in. long*; flat, long and narrow blade and broad base ; similar to first pieee in preeeding lot, but without the slots for rivets ; *Tullamore, King's Co.* Another, $7\frac{1}{2}$ *in. long*; the blade long and narrow, the base thin and of reetangular form, and piereed to take two rivets ; a strong midrib in the eentre of the blade ; *both very rare forms* [Pl. XI] 2

274 A small Dagger Blade, $7\frac{1}{4}$ *in. long* ; the blade flat and leaf-shaped, and broadening out towards the handle plate, whieh is slotted to take two (or four) pins. Another, $4\frac{1}{2}$ *in. long* ; the blade straight-edged and tapering from base to point ; the handle plate squared off at the sides and slotted for two pins ; *Athlone* ; *both rare* [Pl. XI] 2

275 A longer Dagger Blade, $9\frac{5}{8}$ *in. long* ; the blade very thin and narrow ; two slots in the handle plate ; broad slightly raised midrib ; *Lisburn.* Another, $5\frac{1}{4}$ *in. long* ; the blade thin and narrow, and with rounded end ; the base plate with two slots ; *the first piece very finely cast and preserved* [Pl. XI] 2

276 A Dagger Blade, $9\frac{1}{8}$ *in. long* ; the blade long and narrow, and with flat rib in eentre ; two slots in the handle plate ; *Carrickfergus*, 1866. Another, $6\frac{1}{8}$ *in. long* ; the blade of stouter make and broader ; two slots for rivets near the base ; *Co. Antrim* 2

277 A Dagger Blade, $9\frac{3}{8}$ *in. long* ; broad leaf-shaped blade, the handle plate longer and of unusual shape ; two slots near the end for rivets ; *Carrickfergus.* Another, 7 *in. long* ; with well-shaped blade and broad base ; two large slots for rivets ; *both very good specimens* 2

278 A Dagger Blade, $7\frac{3}{4}$ *in. long* ; the blade thin and rather broad, and with raised rib in eentre ; the wide handle plate rounded off at bottom, and piereed with two holes (burst by use) for large rivets ;

LOT 278—*continued.*

Wexford. Another, $6\frac{5}{8}$ *in. long,* of similar type to preceding, and retaining the two rivets by which it was secured to the handle; *Enniskillen; the last a fine specimen and rare* [Pl. XI] 2

279 A fine Dagger Blade, $10\frac{1}{8}$ *in. long*; the blade of "rapier" like type, and raised in the centre; the handle plate curiously-shaped and pierced with holes for large rivets; found near *Monee Castle, Co. Fermanagh; a fine and rare specimen* 1

280 A similar Dagger Blade, $8\frac{3}{8}$ *in. long*; the blade more graeefully shaped; the handle plate retaining the two rivets; *Bushmills, Co. Antrim; also rare* 1

281 A very fine DAGGER BLADE, $7\frac{1}{4}$ *in. long*; the blade broad and finely shaped; the midrib, wide at the base and tapering away at the point, has a band of very delicately engraved ornament aeross the lower part, and a group of finely ineised parallel lines along each side; on the wings two narrow Λ-shaped strengthening ribs; in the handle plate two large rivet holes (burst open by use); found at *Colloony, Sligo; vide Proc. Soc. Ant.* II Series, vol. V, p. 268; figured by Evans, p. 246, fig. 308; *very finely preserved, but slightly broken and cracked* [Pl. XI] 1

282 A fine DAGGER BLADE, 9 *in. long*; of similar type; the midrib much stronger, the blade narrower; a group of parallel ineised lines, and a very slightly raised strengthening rib on eaeh side of the midrib; near to and following the line of the edge, a second reinforeing rib; in the base two large holes for rivets; *King's County, very rare* [Pl. XI] 1

283 A similar DAGGER BLADE, 10 *in. long*; the blade broad and very thin; the midrib flat and wide at base; on the wings two rather highly raised lines or ribs (the cutting edge seems to have been formed on the outer of these ribs); in the rounded handle plate three large semi-eireular openings or notehes for the holding rivets; *Co. Cork; a very rare variety, but not well preserved* [Pl. XI] 1

284 An unusually large "HALBERD" Blade, $12\frac{1}{2}$ *in. long, and about* $4\frac{1}{4}$ *in. wide at base,* of usual flat type and slightly curved; a raised band running down the centre of the broad midrib, two parallel grooves along the cutting edge: the hafting end retains the three massive rivets (a difference in the eolour of the patination elearly indieates the depth of the hafting); *Inchigeela, Co. Cork; a very rare specimen and finely preserved; the point discoloured by burning* [Pl. XII] 1

285 A similar HALBERD, 12 *in. long*, $2\frac{5}{8}$ *in. wide at base*; the midrib plain; traces of double grooving along the cutting edge; the hafting plate retains two of its three rivets, which are unusually massive; analysis of a fragment of this weapon shows that over 99 per cent. consists of pure copper (letter attached); *a very rare specimen, but not well preserved* 1

286 A similar HALBERD, $9\frac{3}{4}$ *in. long*, $2\frac{5}{8}$ *in. wide at base*; the blade slightly curved and with broad midrib; groove along cutting edge; the hafting plate lobed and piereed with three holes for large rivets; *Castletown, Berehaven*; from the *Windele and Westrop collections*; *finely preserved and rare* [Pl. XIII] 1

287 A similar Halberd, $9\frac{5}{8}$ *in. long*, $2\frac{5}{8}$ *in. wide*; similar to last specimen, but with the surface roughened by decay; one of the rivets remains in the base; found at *Portora Ford, Lough Erne*, 1887; *rare* [Pl. XII] 1

288 A small Halberd, $8\frac{7}{8}$ *in. long*; similar to preceding specimens, but the blade is finer pointed; the rivets (three) remain in the hafting plate; *Tullamore, King's Co.*; *fine and rare* [Pl. XII] 1

289 The lower part of a very large HALBERD BLADE, $4\frac{1}{4}$ *in. wide, and now about* $6\frac{1}{4}$ *in. long*; the weapon, fractured in ancient times, has had a new cutting edge fashioned on the broken end; the hafting plate (incomplete) retains one of the original rivets; *Co. Cork*; from the *Leycester collection*. And a similar Weapon, transformed at a more recent date, the broad end piereed with three holes and ground down to a cutting edge; *Kanturk, Co. Cork*; *the first piece very rare and interesting* 2

290 A fine "RAPIER," with long slender blade and wide base-plate; $18\frac{1}{4}$ *in. long*; two large rivet holes (burst open by use) in the base; found in *Co. Cork*, and from the *Windele and Westrop collections*; *a very fine and rare weapon* [Pl. XIV] 1

291 Another "Rapier," *nearly* 18 *in. long*; the very narrow blade ($\frac{3}{4}$ *in. to* $\frac{1}{2}$ *in. wide*) has a broad central ridge, sharply sloped at the sides; the base plate has a projecting tang, and two rather small rivet holes are piereed in the widest part; *Lisburn*; from the *Stephenson collection*; *finely preserved and a rare variety* [Pl. XIV] 1

292 A shorter "Rapier" shaped blade, 11 *in. long*; the base-plate with ornamentally shaped notches at the sides (in recent times a hole drilled through the centre of the plate); *Lisburn*; *from the Stephenson collection*; *in very good condition* [Pl. XIV] 1

293 A similar "Rapier" blade, $9\frac{1}{4}$ *in. long*; the base-plate unusually narrow and with very wide and deep notching on each side; *Longh Gnr, Co. Limerick*; *rare* 1

294 Another short "Rapier" blade, 11 *in. long*; very narrow blade; the base-plate notched at each side, and possibly pierced for small rivets; found at *Ileclash Castle, Fermoy*; *the surface pitted by oxidization*; *rare* 1

295 A similar "Rapier," $15\frac{1}{2}$ *in. long*; the blade of broader type than preceding, and with flat central ridge, the edges beaten out very thin; the base-plate short and with deep notch on either side; *precise locality unknown*; *in very good condition* [Pl. XIV] 1

296 A similar "Rapier" blade, $13\frac{3}{8}$ *in. long*; the base-plate longer and with notches on either side; *finely preserved and rare* [Pl. XIV] 1

297 A very rare Sword or Dagger, $12\frac{3}{4}$ *in. long*; the blade very broad ($1\frac{1}{2}$ *in. wide*) at base and tapering away to a point; well marked central ridge; the wide base-plate pierced to take two large rivets; found in dredging in *Longh Erne, Co. Enniskillen*, 1887; *very well preserved and a rare type, the point wanting* [Pl. XIV] 1

298 A massive short Sword or Dagger, of very unusual type, $12\frac{1}{2}$ *in. long*; the blade ($9\frac{1}{2}$ *in.*), somewhat leaf-shaped, has an engraved line running along each side, near to the edge, and broadens out at the base; the narrow handle-plate (*about 3 in. long*) has a strong central ridge with three deep notchings on each side; *Athlone*; *in excellent condition and very rare* [Pl. XIV] 1

299 A very fine leaf-shaped Sword, $23\frac{3}{8}$ *in. long*; the blade finely shaped, and 2 *in.* across in the widest part; the handle-plate Y-shaped; the centre sunk for taking a wooden or other grip, and pierced for four large rivets, one of which remains; dredged from *Longh Erne, Enniskillen*, 1887; *an unusually fine and perfect specimen, very rare* [Pl. XV] 1

300 A similar leaf-shaped Sword, also found in *Longh Erne*, $21\frac{1}{4}$ *in. long*; the handle-plate, of more primitive style and strengthened by a broad mid-rib with bifurcate ends, is pierced for six rivets, two in the centre of the lower part and two on each side near the bottom of blade; *a very good specimen, as found* [Pl. XV] 1

301 A shorter Sword, of similar type, $17\frac{1}{2}$ *in. long*; the handle-plate, Y-shaped, is sunk to receive the wooden casing and pierced for seven rivets, one of which remains; *Portora, Lough Erne*; *very well preserved and a rare and pleasing example* [Pl. XIV] 1

302 Another SWORD, of similar type, $18\frac{1}{4}$ *in. long*; the lower part of the blade piereed for two rivets; the original handle-plate seems to have been broken off and a fresh one *cast on to the blade* in ancient times; in the centre of this second handle are two holes for rivets and two holes coming from the faulty casting; found by turf-cutters near *Boyle, Co. Roscommon*, 1894; *a remarkable and highly interesting specimen in very good condition* [Pl. XIV] 1

303 An exceedingly fine SWORD, of similar type, *about* $18\frac{3}{4}$ *in. long*; the hollow working along the edges very clearly defined; the handle-plate, with deep groovings and two raised lines, was designed for seven rivet holes; four only seem to have been piereed through and used, and of these three retain the original wire rivets; *Co. Cork*; *from the Windele collection*; *a very fine and interesting specimen* [Pl. XIV] 1

304 An unusually large SWORD, of similar type, *about* 25 *in. long*; the handle-plate very flat, the flanges low except where they branch off to meet the base of the blade; it is piereed for four rivets, the holes arranged in a central line; *well preserved and very rare of this size* [Pl. XV] 1

305 Another large SWORD, $23\frac{5}{8}$ *in. long*; the blade has been much over-cleaned, and the end of the broken handle-plate trimmed down; holes are piereed to take four rivets, three of these are of unusually large size; *Ballymena* [Pl. XV] 1

306 A SWORD BLADE, $18\frac{5}{8}$ *in. long*; the lower part of the handle-plate broken away in ancient times and wanting; in the upper part five of six rivets remain and hold in position remains of the bronze covering of the handle mountings; *Meadstone, near Carrigaline*; *from the Westrop collection*; *the blade much pitted by oxidization.* And the lower part of a similar Sword, 8 *in. long*; the flat handle-plate with two raised lines and four rivet holes; *Portora, Lough Erne*, 1887; *the first specimen of great interest* 2

307 A very finely shaped SWORD, $22\frac{3}{8}$ *in. long*; a double hollow worked along each side near the edge; the greater part of the handle-plate wanting; two rivet holes near the fracture; *finely preserved and rare* [Pl. XV] 1

308 A smaller SWORD, with narrow blade of graceful shape, $18\frac{1}{2}$ *in. long*; the handle-plate slightly flanged at the sides, and with holes for four rivets; the butt bent and a small part wanting; *Lisburn*; *Stephenson collection*; *a pleasing specimen and unusually slender for this type* [Pl. XV] 1

309 Another leaf-shaped SWORD, 22½ *in. long*; the handle-plate flat and with well-marked flanges along the sides; it has six piercings for rivets and casting marks for three others; the point of the blade wanting; *Ballymena*; *unusually good patina*; *a variation of colour and surface near the base of the blade show the outline of the handle mountings very distinctly*; *a very interesting and rare specimen* [Pl. XV] 1

310 A REMARKABLY FINE AND SPLENDIDLY PRESERVED LEAF-SHAPED SWORD, WITH REMAINS OF THE BONE HANDLE MOUNTINGS, 24⅛ *in. long*; the finely formed blade has a high central ridge running to the extreme point, and the sides are slightly hollowed near the edges; the handle-plate, of the usual Y-shaped type, has a thin and deep flange along the sides; in the centre of the lower part is a long narrow opening with rounded (?) ends (*cf. Evans, figs.* 342-3). The shape of the bone plaques fitted to the handle-plate is clearly indicated by the four large fragments which have been preserved; these are probably of cetacean bone, and were attached by eight rivets, six of which remain; found in the *Lisletrim Bog, Muckno, Co. Monaghan* [Pl. XV] 1

*** *This exceedingly rare and interesting specimen is described and figured in the Journal of the Hist. and Arch. Soc. of Ireland, 3rd Series, vol. I*, 1868; *also by Evans, Bronze Implements, figs.* 358-9-60.

311 A leaf-shaped SWORD, 22 *in. long*; the broad blade of very unusual outline and grafted on to the handle-plate in a peculiar style; four rivet holes; *Lisburn*; *from the Stephenson collection* 1

312 A very fine bronze SWORD, with hilt attached; of Hungarian type; 26½ *in. long*; the end of the blade ornamented with three parallel ∧ shaped lines, the point wanting; the hilt, which appears to have been cast on in the usual manner, is hollowed out along the base of the blade; the pommel is formed by a large disk with two large beads beneath; the grip is ornamented with engraved spirals between raised bands, the arms have a wing-like decoration of parallel lines; *Geneva*, 1898; *fine and rare* [Pl. XV] 1

BRONZE SPEAR HEADS.

313 A very fine leaf-shaped SPEAR HEAD, 16 *in. long*; the cylindrical socket continued as a tapering midrib to the point; the wings (13½ *in. long*) thin and flat, and finely shaped; from the *Portora Ford, Lough Erne*; *a very finely preserved and rare weapon* [Pl. XIII] 1

314 A similar SPEAR HEAD, of more massive make, *about* 3⅛ *in. wide and* 14¼ *in. long*; the lower part of the socket imperfect; the finely-shaped wings about 13 *in. long*; *Castlebar, Co. Mayo*, 1888; *patinated, in excellent condition and rare* 1

315 A smaller leaf-shaped SPEAR HEAD, with short socket, 12⅞ *in. long, the wings about* 12½ *in. long and* 2½ *in. wide at base*; somewhat roughly cast and unfinished; *Ballina*, 1871 1

316 An unusually slender and narrow SPEAR HEAD, 22 *in. long*; the tapering socket runs to the point; the narrow straight-sided wings (18 *in. long and* 2 *in. wide at base*) are slightly hollowed out along the socket; a narrow raised line or rib runs near to, and parallel with, each cutting edge, and is continued by a "runner" from the bottom of each wing to the side of the socket so as to form a loop; (these raised lines and "runners" were originally designed as air-vents to secure the perfect casting of the thin blade; the retention of the lines or ribs to strengthen the wings, and the use of the connecting piece, or "runner," as a loop, were developments due to the observation of later bronze workers); dredged from the *Blackrock Reach at Cork*, 1879; *part of the original wooden shaft remains*; *an extremely rare specimen, but in imperfect condition* [Pl. XIII] 1

*** *Vide Proc. Soc. Ant. Lond., Jany.* 1885.

317 A remarkable and finely-finished SPEAR HEAD, with broad side loops on the socket, 15¼ *in. long* (the upper part and point missing); the blade of elongated leaf-shaped type, and, originally, about 2 *in.* across the widest part. The projecting part of the socket (*about* 6½ *in. long*) is somewhat oval at the mouth, and lozenge-shaped in the upper part; this rectangular section was continued to the point of the spear head; lines of dotted ornament are punched in on each side of the sharply-defined ridge, and in the angles

LOT 317—*continued.*

between the blade and socket. Around the neck is a hollow moulding and a band of six engraved lines; on the side of the socket, about 4 in. from the mouth, is a broad lozenge-shaped loop; the companion piece is broken away. This very rare and interesting example was found in *Lough Erne*; *it was finely preserved, but has been crumpled and broken by the dredger* [Pl. XIII] 1

*** *Vide Proc. Soc. Ant., Lond., vol. XI.*

318 A small SPEAR HEAD, of rare type, $6\frac{3}{4}$ *in. long*; the form resembles that of the socketed (or hafted) knife; the blade broad and straight-edged, the socket short and stout, and of oval shape; in the centre of the blade a high angular mid-rib, and on each side of this a deep wing-shaped sinking; near the mouth of the socket are two loops. The socket is decorated with bands of engraved and dotted lines, and a similar ornamentation is placed on the faces of the loops and around the sinkings in the blade; found near *Ballymena*, 1865; *in excellent condition and very rare* [Pl. XII] 1

*** *Figured by Evans, p.* 325, *fig.* 401.

319 A fine leaf-shaped SPEAR HEAD, $9\frac{5}{8}$ *in. long*; with narrow blade ($1\frac{3}{8}$ *in. wide*) and circular tapering socket; *Lough Annagh.* And a smaller specimen, 6 *in. long*; with broad leaf-shaped blade ($1\frac{3}{4}$ *in. wide*) and tapering socket, fitted with two lozenge-faced loops at the sides; *Ballymena, Co. Antrim*; *both finely preserved*; *the first piece retains its original rivet and part of the wooden shaft* [Pls. XII, XIII] 2

320 Two similar SPEAR HEADS; the first piece, $15\frac{1}{4}$ *in. long*, has "runners" or loops at the ends of the blade (one broken); found at *Portrush.* The second, $5\frac{1}{2}$ *in. long*, with broad and short blade and stout socket (pierced to take a rivet); found near *Rosherkin, Co. Antrim*; *the second in fine preservation* [Pls. XII, XIII] 2

321 Two leaf-shaped Spear Heads, with loops; one $7\frac{1}{2}$ *in. long*, with short blade, lengthened at the lower ends to meet the two lozenge-faced loops; the socket stout, and with a raised line running up the centre; from the *Shannon, near Athlone.* The second piece, $6\frac{3}{4}$ *in. long*, has the loops connected with the lower edges of the long blade, and the upper part of the shaft is of quadrangular section; *Sligo*; *both good specimens, and the first a very uncommon variety* [Pl. XIII] 2

322 A small leaf-shaped Spear Head, with loops, $6\frac{1}{4}$ *in. long*; the blade nicely shaped, and about $3\frac{3}{4}$ *in. long*; the shaft finely tapered and ornamented with a central rib; a shallow sinking around the loops, following the form of the lozenge-shaped faces; *Carigaline, Co. Cork.* Another, *without* loops, 5 *in. long*; the wings set upon a sort of reinforcing plate terminating about half-way down the socket; a bold line running down the centre of the shaft; *Dublin*, 1879; *both fine specimens and rare* [Pl. XIII] 2

323 A small looped Spear Head, $6\frac{3}{4}$ *in. long*; the blade broad and of trapezoidal form; a raised line on each wing meets one running along the centre of the socket, the three forming an arrow-shaped design; the loops of the usual lozenge type; a double hollow around the neck; *King's Co.* Another, $6\frac{1}{4}$ *in. long*; the blade almost straight edged, recurved at the base, and with a deep sinking in each wing; the upper part of the socket sharply ridged; the loops of simple form; *Dublin*, 1864; *the first a very fine and unusual specimen* [Pl. XIII] 2

324 Two small looped Spear Heads, $5\frac{3}{4}$ *in. and* $4\frac{3}{4}$ *in. long*; both have kite-shaped or trapezoidal blades (the first $1\frac{3}{8}$ *in.*, the second $1\frac{3}{4}$ *in. wide*), a ridge along the centre of the mid-rib or upper socket, and Λ-shaped lines on the blades (as first specimen in last lot); the loops with broad oval (?) faces; the longer piece from *Antrim*; the shorter found at *Kells, Co. Meath*; *one very fine* 2

325 Two small Spear Heads, with blades of long trapezoidal form and loops on the sockets; $5\frac{7}{8}$ *in. and* $6\frac{1}{8}$ *in. long*; the first with Λ-shaped lines across the wings and large loops; from *Kells, Co. Meath.* The second with a ridged mid-rib continued as a raised line on the upper part of the socket; from *Clonmacnois* [Pl. XIII] 2

326 Two similar Spear Heads, $4\frac{5}{8}$ *in. and* $5\frac{1}{8}$ *in. long*; each has the short and broad blade strengthened by Λ-shaped lines or ribs, and a similar line runs down the upper part of the socket; the faces of the loops large and lozenge-shaped; the longer piece has a sort of raised collar around the neck, and is pierced for a rivet (from back to front); from *Armagh* and *Fenagh Bog, Co. Antrim*, respectively 2

327 Two small Spear Heads, of similar type, $4\frac{3}{4}$ *in. and* $3\frac{7}{8}$ *in. long*; the first, an unusual variety, has a long tapering socket and two simple loops set almost directly below the wings; *Dungannon.* The second has a ridge on the upper part of the socket, and a deep hollow channelled out at the base of each wing; the loops diamond-shaped and ridged along the centre; *Vinegar Hill, Enniscorthy, Co. Wexford* [Pl. XII] 2

328 Three very small Spear or Lance Heads; one $3\frac{1}{2}$ *in. long*, with arch-shaped blade and two large lozenge-faced loops, engraved with crossing lines; *Co. Antrim*, 1891. Another, $2\frac{3}{4}$ *in. long*, with the very short wings hollowed out above the long loops; *Co. Cork*. Another, $2\frac{3}{4}$ *in. long*, with leaf-shaped blade and rivet-holes pierced across the socket; *Lough Annagh*; *all good specimens, the decorated piece very rare* [Pl. XII] 3

329 Two small Spear Heads, with loops; one 4 *in. long*, with a deep groove at the base of each wing; *Inishowen, Co. Donegal*. The second, $3\frac{7}{8}$ *in. long*, finely shaped, with angular mid-rib and small loops: *Dublin*, 1885. And a smaller Spear or Lance Head, $3\frac{1}{2}$ *in. long*, *without loops*, a raised line on the upper part of the socket, and a perforation (accidental ?) at the base of one of the wings; the socket has the remains of an inner collar or ferrule of iron; from *Portora Ford, Lough Erne*; *all well preserved* [Pl. XII] 3

330 Three small Spear or Lance Heads, all with loops; one $3\frac{3}{4}$ *in. long*, with angular mid-rib, short blade, and a hollow around the neck; *Antrim*. Another, $3\frac{1}{8}$ *in. long*, has two parallel Λ-shaped ribs across the wings; *Fenagh Bog, Co. Antrim*. The third, very small, $2\frac{1}{8}$ *in. long*, has a short and broad blade, with two simple loops set almost immediately beneath; *Co. Cork*; *all well preserved* [Pl. XII] 3

331 A large Spear Head, 13 *in. long*; the wings long and narrow, and the lower part connected with the socket by "runners," the upper part of the socket slightly ridged; *Athenry, Co. Galway*; another, of similar type, 7 *in. long*; *Lough Annagh Crannog, King's Co.* A Spear Head (*present length* 6 *in.*), with high socket, the lower points of the very narrow wings connected with the loops; *a very rare variety, but re-pointed*; *Co. Derry*. The remains of a very rare Spear Head, with segmental opening in the lower part of each wing; $6\frac{1}{4}$ *in. long*; *Co. Cork* [Pl. XIII]. The upper part of a very fine leaf-shaped Spear Head, $5\frac{1}{4}$ *in. long*. And a finely shaped Spear Head of doubtful authenticity, 8 *in. long*; said to have been found in *Antrim*; *an interesting lot of poorly preserved specimens* 6

FOURTH DAY'S SALE.

BRONZE TRUMPETS, ARMLETS, PINS AND OTHER PERSONAL ORNAMENTS, &c.

of the Bronze and later Periods.

LOT

332 A fine curved TRUMPET, *about* 24½ *in. long on the under* (*convex*) *curve*; the small end finished with a large closed boss; on the upper curve, near the boss, a large loop; in the side, *about* 4¼ *in. from the end*, is a large oval opening or mouthpiece, *about* 2 *in. long and* 1¼ *in. wide*; found at *Portglenone, Co. Derry*; *parts of the under side wanting, the surface in excellent preservation; extremely rare and interesting* [Pl. XVI] 1

*** *Figured by Evans, p.* 361, *fig.* 444.

333 An ivory Trumpet, from *Central Africa* (*illustrating the use and form of the bronze trumpets found in Ireland*); the mouth-piece placed on top of the inner curve; the surface stained a rich brown and engraved with bands of ornament, the *swastika* (*fylfot*) and other designs; *a very fine specimen* 1

334 A very fine curved TRUMPET, in bronze, *about* 25 *in. long on the under* (*or convex*) *curve*; made for blowing from the end; it seems to have been fitted with a separate mouthpiece attached by four pins, the large holes for which remain in the slightly bell-shaped neck: around the small end are four large spikes, or pointed bosses; six similar bosses are placed around the mouth: *Dunmanway, Co. Cork* (?); *a very fine and practically complete specimen; extremely rare* [Pl. XVI] 1

335 The tubular upper length of a TRUMPET of varied form (*see Evans, figs.* 438 *and* 440); *about* 16½ *in. long*; one end is broken away; the other is trimmed down to fit into the corresponding part, and has a raised ring moulding to form a stop; the holes for taking the pins or bolts, by which it was attached, remain. About 4 in. from the broken end is a band of eight ring mouldings, the broadest of which has a stout loop cast-on at the top; on either side of the band are four studs arranged equidistantly around the cylinder; *Dunmanway, Co. Cork* (?); *very rare and interesting* [Pl. XVI] 1

336 The wide ends of two large TRUMPETS; one, *about* 8 *in. long*, has the mould marks finished-off as narrow bands and a similar band runs around the mouth; the second, 5¼ *in. long*, has a row of six large spikes around the neck, and a narrow ridge around the mouth, which is pierced with two very large holes; *both very interesting pieces* [Pl. XVI] 2

337 A number of Fragments of broken implements, etc., forming part of an ancient bronze worker's store of scrap, found near *Mullingar*; amongst the fragments may be recognised fragments of socketed celts, many fragments of thin sword or dagger scabbards, "*gits*" from the mouths of moulds, etc. *a very interesting lot*

*** *See Proc. R. Hist. and Arch. Soc. of Ireland for a description of this hoard.*

338 A small, but very remarkable, tanged ARROW HEAD of very thin bronze, 4 *in. long*; the blade leaf-shaped and with a central ridge; the tang, narrow and *about* 1¼ *in. long*, has a crutch-shaped foot; *near Mullingar, Co. Westmeath*; *has been broken and repaired.* And two bronze Sickles of ordinary type; one from the *Swiss Lake Dwellings*, and the second from *Denmark*; *the first piece very rare* 3

339 A bronze MACE HEAD (so called), 2¼ *in. high*; the upper part with a double row of four spikes, arranged in contrary cross-lines and all *about* 1 *in. long*; *Tipperary.* And a similar Implement, from *Hungary*, 1½ *in. high*, bead-shaped and with the projections arranged in a deeply cut lozenge design 2

340 Two CHAPES from scabbards; each *about* 1¾ *in. wide and* 1¼ *in. high in the centre*; pouch-shaped, with a narrow projection around the mouth and a heavier one along the base; near *Cork*, 1877; *very rare and interesting* 2

341 A large and massive RING of bronze, $6\frac{1}{4}$ *in. diam.*; on the hoop six large bead-like ornaments, of depressed circular shape, set between narrow rings; of unknown use, and supposed to be unique; *Co. Londonderry*; *in very good preservation* 1

*** *From the collection of Mr. Geoghegan, B.L.*

342 A bronze Ornament from the head-trappings of a horse; $9\frac{1}{4}$ *in. high*; of slender bronze, and resembling in form a large "prick spur"; the ends of the loop finished with a bead and ring ornament on the inner side of which are remains of fine pins by which it was attached; remains of similar pins are also shown at the top of the long stem; found at *Mullingar*; *very rare* 1

343 A similar but larger Head-Trapping, 12 *in. high*; the end of the arched side which remains terminates in a flat disc piereed with a large hole; from the same find as last; *also very rare* 1

344 Another Head-Trapping, 10 *in. high*; a large piereed disc at each end of the loop, as in last specimen; the upper part of the long stem is bent over at right-angles to the lower; the whole surface is lined with irregular markings, resembling the crinkled face of some leathers (these may be due to oxidization); also from the *Mullingar* find, *and very rare* 1

345 A massive Pennanular BRACELET, $3\frac{3}{4}$ *in. wide*; the hoop almost uniform in thickness throughout; the ends trumpet-shaped and with flat tops; found at *Kanturk*; *Windele collection*; *very rare* 1

346 Another Pennanular BRACELET; similar to last piece, but with the ends set farther apart; found with the preceding at *Kanturk*; *also very rare* 1

347 A massive ARMLET of bronze, *about* $4\frac{1}{4}$ *in. diam.*; of plain circular form; found with the two last described pieces at *Kanturk, Co. Cork*; *patinated, in excellent condition and rare* 1

348 A Pennanular BRACELET, with flat trumpet-shaped ends, *about* $3\frac{1}{4}$ *in. across*; not so massive as foregoing pieces; the ends of the hoop narrowed-off, the central part wider and flattened on the inner side; *Co. Cork*, 1852; *rare* 1

349 A similar Pennanular BRACELET of less massive make, *about* $2\frac{7}{8}$ *in. wide*; the wire-like hoop of almost circular section; the trumpet ends hollowed-out on top; found near *Tullamore*, 1865; *finely patinated and preserved, and rare* 1

350 Two West African "*Manilas*," or ring-money, of similar shape to the trumpet-headed bracelets in preceding lots. Fragments (5) of a large and massive Armlet, in bronze, *about* $4\frac{1}{4}$ *in. diam.*; found at *Crownliath, near Ballydehob, Co. Cork*. And a finely patinated plain Armlet of lighter make, $3\frac{1}{2}$ *in. diam.*; found at *Farnalough, near Bandon*; *the last piece rare* 4

351 Five bronze Bracelets of varied pattern; *Etruria*; mostly of early date. And a remarkable DISC of bronze, *about* $3\frac{3}{4}$ *in. diam. and* $\frac{1}{8}$ *in. thick*; marks of hammering on each face, a notch cut in the edge; *Galway*; *the last piece very rare* 6

352 Two hollow RINGS of bronze, with large transversely pierced openings for taking a pin (*an early form of brooch or buckle; see Evans, p. 398*); $2\frac{7}{8}$ *in. and* $2\frac{3}{4}$ *in. diam.*; found at *Boyle, Co. Roscommon*. A small solid Ring, $1\frac{1}{8}$ *in. diam.*, similarly pierced. Two hollow rings of similar use, *about* $1\frac{3}{4}$ *in. diam.*; the transverse perforations carried through two projecting mouths formed on opposite sides of the ring. A massive Ferrule (?) formed as a double ring. And a finely patinated wire-like Ring (a child's armlet?), 2 *in. diam.*; *an interesting lot* 7

353 A card with four small RINGS in solid bronze and another with remains of a loop (?) attached to the sides; all finely patinated and found at *Birr, King's Co.* A circular Plate of thin beaten bronze with raised centre, $3\frac{1}{2}$ *in. diam.*; thought to be the Umbo of a shield, but more probably a plate for attaching to harness; two small holes in the centre and one in the flat rim; *Carrignavar, Co. Cork*. A circular umbilical Ornament with bead in centre and two ears (flat and pierced) at sides 7

354 BRONZE PINS (mostly found in "Crannogs"). An early Pin, $6\frac{3}{4}$ *in. long*; the large disc-like head ($1\frac{3}{4}$ *in. diam.*) with a central spike surrounded by engraved concentric circles; *Westmeath*, 1865; *very rare* (*repaired*) [Pl. XVII] 1

355 An unusually long and fine bronze PIN, $16\frac{1}{4}$ *in. long*; the sides of the upper part engraved with line ornament; the head with a squared collar, a hollow moulding and a disc; *Armagh*; (considered to be the longest example known). Another, $8\frac{7}{8}$ *in. long*; the upper part finished as a long banister-like stem; the head with bifurcate arms of varied length, the longer twisted up into a flat spiral and coiled round to meet the shorter; *Armagh*, 1886; *both very rare and interesting types* [Pl. XVII] 2

356 A bronze PIN, 8 *in. long*; the head cone-shaped and the upper half facetted to a point. Another, 6 *in. long*, with spherical head and the upper part of the stem decorated with two bands of reversed spiral lines; *Ballintoy*. Another, $5\frac{7}{8}$ *in. long*; the acorn head with a band of diagonal line ornament in the centre, and traces of ornamentation on the stem. Another, $4\frac{1}{4}$ *in. long*; the large disc-like head, turned round to lie in parallel line with the pin and ornamented with deep concentric circles; *Ballyshannon, Co. Donegal*; *a good lot, the last especially interesting* 4

357 A REMARKABLE AND VERY FINE PIN, $8\frac{3}{4}$ *in. long*; of *cast* bronze; the top of the pin turns at right angles to the shaft and a massive ornamental head is set at the end; the lower part of this head is of semi-circular form, and has the flat face engraved with a spiral design of the usual Celtic character; the sunk background retains traces of enamelling, and in the upper centre is pierced a circular hole; the edges are channelled with deep parallel lines. Along the straight top are five finger-like projections, the ends drilled with holes, probably made to take an enamel filling; *Antrim*, 1882; *extremely rare* [Pl. XVII] 1

358 Six bronze PINS of varied length and type; 3 *in. to* $6\frac{1}{2}$ *in. long*; one with square head pierced (for a ring?), *Armagh*; another with the head formed by flattening and ornamentally shaping the end of the shaft; another with bifurcate ends twisted into spirals; another with ornamented head and an eye pierced in the flattened lower part of the shaft; another (*cast*), with a flat disc at top; *Clonmacnoise*; another, with flat semi-circular head and plain body; *all interesting pieces* 6

359 A card with three bronze PINS, all with flattened ends or head; two ornamented with lines or dots. Another card of three Pins, one with a flat ornamentally shaped head ending in the head of a fantastic animal. And a bronze Spindle (?) with small discs of bronze and bone in the centre; *Athlone* 7

360 A small but very fine BRONZE PIN, $3\frac{3}{4}$ *in. long*; one side of the flat circular head set with a glass inlay and the stem finely engraved with interlaced lines; *Clonmacnoise*. Another, $3\frac{1}{4}$ *in. long*, the ornamental flat-worked head retaining traces of the original gilding. Another, $3\frac{1}{4}$ *in. long*; the head bent to lie parallel with the line of the pin and formed by five circles, enclosing bosses, arranged in shape of a cross; at the back of the head, a loop; *Co. Waterford*; *all rare and interesting* [Pl. XVII] 3

361 Three small PINS, of varied type, from the *Ballinderry Crannog, Westmeath*; another, from the *Fort of the Miracles, Fermanagh*; another, from *Clonmacnoise*; another, with cap-shaped head and engraved stem; *all on cards.* And two small Pins, with T-shaped or cruciform head; *interesting* 8

362 Two small "*Crannog*" PINS, with kidney-shaped loops attached to the square heads; one, with the loop gilt and the head engraved with interlaced lines, from *Mullingar*, 1880. Two others, of same design but with simulative loops; *an interesting lot* 4

363 Eight small PINS, all from "*Crannogs*," $2\frac{1}{4}$ *in. to* 4 *in. long*; the heads of varied type, one, with two holes, probably intended for use as a bodkin 8

364 Eight similar Pins; one from the *Dunshaughlin* and another from the *Longh Revel Crannog*; two with the heads pierced for a ring or for use as a needle. And a bronze Needle, with long oval "eye," found in *St. Michan's Churchyard, Dublin* 9

365 RINGED PINS AND BROOCHES. A larger bronze PIN, $4\frac{1}{2}$ *in. long*; a closely fitting kidney-shaped loop attached to the ornamented head; remains of interlaced design on the loop; *Clonmacnoise.* Another, $4\frac{1}{4}$ *in. long*; similar to the last but the loose ring of larger size; *Boyle Abbey, Co. Roscommon*; *both rare pieces* [Pl. XVII] 2

366 An unusually finely patinated RINGED PIN, $6\frac{1}{4}$ *in. long*; the ring circular and of small size; slight engraved line ornamentation; *Co. Westmeath*, 1863; *fine and very rare in this condition* 1

367 Three plain Ringed Pins, $3\frac{1}{2}$ *in. to* $4\frac{1}{4}$ *in. long*; all with circular rings; two from "*raths*" *near Ballymena*, the third from the *Lough Revel Crannog.* Another, of similar type but with head of the pin and the ring slightly ornamented 4

368 Five Ringed Pins of similar design to preceding but with the ring formed by a single or double round of thin wire; $6\frac{3}{4}$ *in. long*, Mullingar; $5\frac{1}{4}$ *in. long*, Ballinderrig Crannog; 4 *in. long*, Buttevant; $3\frac{7}{8}$ *in. long*, Lough Revel Crannog; $3\frac{1}{2}$ *in. long* (the top of the head set with a small piece of amber), Athlone; *mostly with slight decoration*; *all interesting* 5

369 Five similar Ringed Pins; $2\frac{1}{4}$ *in. to* $5\frac{3}{4}$ *in. long*; the longest from the *Longh Revel Crannog.* And an unusual Pin, of bronze, the ring cast on to the head; *Dunshaughlin Crannog*, 1879 6

370 A similar Ringed Pin, $4\frac{1}{4}$ *in. long*; the upper side of the ring beaded and with an empty matrix for holding a stone or other setting at the bottom; *Co. Westmeath*, 1889. Another, $3\frac{3}{4}$ *in. long*, the ring, of penannular form, beaded and with small discs at the ends; *Co. Westmeath*. Another, similar to last but with rectangular heads at the ends of the hoops. And a large penannular Brooch or Fibula; the ring about $2\frac{3}{8}$ *in. diameter*, and with roughly designed animals' heads at the ends; *Newbridge, Co. Kildare*; *good pieces, but all have been cleaned and polished by the finders* 4

371 A finely patinated penannular BRONZE FIBULA or Brooch; *the hoop* 2 *in. wide, the pin* $3\frac{1}{2}$ *in. long*; the hoop ornamented by ribbed lines and the ends terminating in faneiful animals' heads holding in their mouths a shaped tablet set with a flat ovoid piece of mosaic enamel or paste; the flat back engraved with parallel vandyck lines; the loop of the pin has a square sinking for taking an inlay; *Cashel, Co. Tipperary*; *rare* [Pl. XVII] 1

372 Two penannular FIBULAE of similar type and design; one with a circular sinking to take an inlay at each end of the hoop; the loop of the pin finely shaped; *Co. Tyrone*; the second with the broad ends of the hoop plain and flat; *Schull, near Ballydehob* 2

373 Two Penannular FIBULAE: of similar design; one finely ornamented and with ovoid sinkings at the ends of the hoop to take an inlay; *Lough Revel Crannog*; the second of plainer finish and with the ends of the hoop plain and flat; *Mullingar* 2

374 Two Penannular FIBULAE of similar style and period; the larger, with long oval sinkings at the ends of the hoop, from *Broughane, near Ballymena*; the second, smaller, has the loop of the pin much ornamented and remains of the enamel filling at the ends of the hoop; *Fox Rock, Co. Dublin* 2

375 Two Penannular FIBULAE of the same type as preceding pieces; one with ornamented hoop and with remains of the enamelled settings in triangular sinkings at the ends of the hoop; the end of the pin bent round to form a hook; *Ballinacarriga, Co. Westmeath*; the second has a flat slender hoop, the animals' heads are in very low relief and the broad ends are worked with a Celtic design, the ground of which was originally filled in with enamel; *Lough Revel Crannog*; *both interesting pieces* 2

376 A larger Penannular FIBULA, *the hoop* $2\frac{3}{4}$ *in. diam.*; of similar type to preceding; the hoop crossed with five bands of reeded lines; the ends flat and plain; *Colone Bog, Co. Armagh.* The second, smaller and of varied type, has pierced or openwork hoop plates of uncertain design and a very large pin (of a different metal and possibly made, originally, for another brooch) with a double bend in the stem and the lower part flattened; *Lough Revel Crannog*; *very rare* [Pl. XVII] 2

377 Two Penannular FIBULAE; the hoops flat and thin and terminated by circular plates; one has the plates fitted with a central collet, to take an inlay, and a sunk border of radiating lines; *Cloone, Co. Leitrim*; the second has the terminal plates filled with a panel of interlaced design and a leaf engraved on the pin, *Ballyduff Mills, near Tullamore*; *both rare* [Pl. XVII] 2

378 A large Penannular FIBULA; the hoop of crescent-like shape, broad and flat, has a raised line along the edges and a pattern of lines in the centre; the ends are roughly shaped as animals' heads, and in the top of each is a large sinking for taking an inlay; the pin is hung from the broadest part of the crescent; *Co. Rosscommon.* Another FIBULA, of allied type; the ends of the hoop, finished with animals' heads drilled for a central inlay, are joined together at the top, and between them hangs the pin; the very broad crescent-like hoop is ornamented with lines to form a lozenge-pattern; *Armagh*; *both roughly made but rare and interesting* 2

379 A small Ringed Pin or FIBULA, apparently of very early period; the ring small, the flat expanding ends filled with panels of red enamel and joined together by a small bar; *Lough Revel Crannog*, 1867. Another, with a flat joined-up hoop, a raised border around each side, and the sunk face filled with panels of spirals, etc. in relief: at each side, and on the lower edge, a raised stud-like projection set with a small paste; *Port Arlington*, 1881; *both interesting, and the first, with red enamelling, very rare* [Pl. XVII] 2

380 Another small Ringed Pin, or BROOCH; the hoop very small, flat and filled in across the lower part with a segmental sinking for enamel; the pin very long and flat and turned up at the end as a hook; *Antrim*, 1870. Another with a larger hoop, the lower part flat and worked with two animals' heads holding a rectangular panel of interlaced work between their open mouths; traces of blue and red enamel; *both interesting, especially the last* 2

381 A large Penannular FIBULA or BROOCH ; the hoop about $3\frac{1}{2}$ *in. diam.* ; the ends shaped as animals' heads holding a flat plate with engraved designs in relief, and with the background sunk and lined for enamelling ; the wire-like hoop with traces of cross-lined decoration ; the pin broken ; *Ballinderry Crannog, Westmeath ; a fine and rare specimen* 1

382 A large Penannular FIBULA, very similar to preceding, the hoop about $2\frac{3}{4}$ *in. diam.* ; the flat terminal plates ornamented with a triple connected-spiral design ; the spaces between the lines were originally filled in with enamel ; *a finely made and beautifully patinated specimen* [Pl. XVII] 1

383 A very rare and remarkable Penannular FIBULA, *the ring about* $2\frac{1}{2}$ *in. diam.* ; on the front, the hoop is finished by two large projections representing studs or rivet heads ; beyond each stud is a large thin plate—very wide at the opening of the ring—with a flat-worked design of a coiled, or interlaced serpent enclosed within a cable border ; on the outer edge of each plate are pierced, or openwork figures of two fantastic animals, each standing with the head outwards. On the back, the ends of the hoop are treated as animals' heads, the terminal plates are engraved with a line border and double lines across the angles, and the openwork figures are finished off as on the front ; *in excellent condition ; examples of such pierced work on fibulae are exceedingly rare* [Pl. XVII] 1

384 A small, VERY FINE FIBULA ; the ring *about* 1 *in. diam.* ; the lower half filled in with two panels of interlaced pattern, enclosed by a raised edging and divided by a band with a delicately engraved design ; the upper part of the ring or hoop similarly decorated ; across the centre are three stud-like frames for paste or stone inlays, another is seen at the bottom, and at the top, by the side of the pin, are two semi-circular projections worked to represent such inlays ; on the plain back is a small loop : *this exceedingly fine specimen is from the Ballinderrig Crannog, Co. Westmeath ; the inlays were taken out and lost when the brooch was in the hands of a Dublin jeweller ; interesting and valuable* [Pl. XVII] 1

385 A similar FIBULA, the hoop of about the same size as last piece but the interlaced decoration not so finely engraved ; six frames for inlays or enamels, two at the top beside the pin, three across the centre and one at the bottom ; the loop on the back of the plate is set at the side ; *finely preserved and rare* [Pl. XVII] 1

386 Another FIBULA of the same type and period; the hoop *about* $1\frac{3}{8}$ *in. diam.*; the interlaced designs on the lower part formed as fantastic animals; a long vesica-shaped frame for an inlay between; the top finished as two half-bosses; three empty circular collets or frames across the centre; another, at the bottom, retains the original blue glass setting; no loop at back of plate; *Co. Kildare*; *very finely worked and preserved* [Pl. XVII] 1

387 A similar FIBULA, with a larger hoop (*about* $1\frac{7}{8}$ *in. diam.*) of more elaborate design; the lower part has the interlacings arranged in three bands with a central framing for an inlay and two others at the sides, the one to the right retaining its original setting of amber coloured glass; on the lower edge are four small arch-shaped projections and at the bottom an animal's head; the back is tinned or silvered; *Ballinderrig Crannog*, 1882; *finely worked and rare* [Pl. XVII] 1

388 A small Fibula; the hoop plain and with six stud framings for inlays, two near the pin and four cruciformly arranged at the bottom; five of the amber coloured glass settings remain; *Ballinderrig Crannog.* The Hoops of two similar brooches, one from *Tullamore*, the other from the *Fenagh Crannog, Antrim.* A bronze fibula Pin and a fragment of another. And a flat Ring of massive bronze, the face plated with silver and finely worked with double spirals between ornamental lines; of uncertain use; *Lough Revel Crannog, Antrim*; *the first piece very rare* 6

389 A large "Serpent" PIN or CLASP, of peculiar and rare type; the long pin beaten out at one end to form a large circular plate (*about* 2 *in. diam.*); the upper part of the pin bent round in an "S" shaped curve and flattened out in the centre; found at *Portora, Lough Erne, Enniskillen*; possibly of late Celtic date; *very rare* [Pl. XVIII] 1

390 A similar "Serpent" Clasp; smaller and of lighter make: the upper side of the disc sunk and ornamented with a floral, or stellate, design in a radiate border, originally filled in with enamel; the flat part of the "S" bend of the pin with a panel of similar ornament; *Newry*; *very rare* [Pl. XVIII] 1

391 Another, found with the preceding piece; similar, but with a hexagonal ornament in the centre of the disc; *also very rare* [Pl. XVIII] 1

392 A large flat FIBULA ; of later date than preceding pieces ; 3 *in. long* ; at the ends, two circular compartments with engraved glass centres in borders of plaited pattern ; above and below, three crescent-shaped divisions with dentate line designs ; in the centre, and also between the crescents, sockets for glass inlays, two of which remain ; the hinge and pin loop are fixed to a separate back-plate ; *traces of gilding* ; *a very rare type of fibula, but damaged* [Pl. XVIII] 1

393 Two bronze "Bow" Fibulae ; $6\frac{1}{4}$ *in. and* $4\frac{3}{4}$ *in. long* ; the first with ornamented bow and large shoe ; the second has the bow only ornamented ; Iron Age type ; *both are probably from Italy* 2

394 Six Fibulae of varied type and age ; one in silver from the *Tobin collection* ; another, in bronze, found near *Cambridge* ; the others of bronze and probably from *Italy* 6

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395 A long piece of Chain, *about* $21\frac{1}{2}$ *in. long* ; the circular links of flattened bronze wire with the ends rivetted and brazed together (as with the links in chain mail) ; *Ballymoney, Co. Antrim* ; *possibly used as a personal decoration* ; *very rare* 1

396 A STAFF HEAD (?) of thin bronze, much oxydized, the form mainly preserved by the original filling, which remains. Part of a bronze Horse's Bit (?). A bronze Comb, *Delgany, Co. Wicklow*. A small oblong Frame, with separate inner fitting ; *Lough Revel Crannog*. And a massive bronze Hook (a harness fitting ?), with a long opening for a strap ; *an interesting lot* 5

397 AN ORNAMENTED CRUCIFORM PLATE (from the trappings of a horse ?) ; bronze, with the remains of gilding ; the centre square, with an interlaced pattern around the sides and the empty socket for a paste inlay in the middle ; on each side a projecting plate, the one at the top with a human head ; those at the side with interlaced work and an uncertain relief across the centre ; the lower one incomplete ; at the back are two loops for fastening to the leather work ; at the end of one arm a loop (for a ring ?) ; *Kells, Co. Meath* ; *rare* 1

398 The arched top from THE BELL-SHRINE OF MAELBRIGDE, son of Redan, Bishop of Connor and Abbot of Muckamore and Aghill; died A.D. 954; bronze, with gold and silver inlays; *length* $3\frac{1}{2}$ *in., height about* $2\frac{1}{8}$ *in.* The sides decorated with continuous bands of interlaced strap ornament; on the front they enclose three long and narrow inlays of gold, the central one carrying an interlaced design. Across the centre of the arch is a rather broad crest with openwork figures of fantastic animals (?); a moulded ridge with remains of silver zig-zags, runs along the top and a large human head, in bold relief is placed in the centre. At the foot of the cresting, on the flat top of the arch, a running scroll ornament and an inscription in early Irish characters; both the ornament and lettering in low relief. The inscription has been translated as follows: "*Pray for Maelbrigde, through whom this was made, and for the ..... who made it*" [PL. XVIII] 1

*** *This highly interesting fragment was found, together with the gold-plated bulla noted in one of the following lots, on the shore of the River Bann, Co. Antrim. It is figured and described in the Transactions of the R. Hist. and Arch. Soc. of Ireland, I, third series,* 1868-9; *also by M. Stokes in her handbook on "Early Christian Art in Ireland,"* 1894. *It is thought to be the only specimen of such metal work with the letters of the inscription worked in relief.*

399 A LARGE BRONZE BELL, known from the place of its discovery as THE BELL OF BALLYMENA; $11\frac{1}{2}$ *in. high*; of the usual form, the sides broad and arched, the ends narrower and flat; a massive handle on top; *this excellently preserved specimen, one of the largest known, was found in the townland of* CABRAGH, *in the parish of* BALLYMENA *and about a mile from the ruins of the ancient church of Kilconriola, which was attached to the Abbey of Muckamore, Antrim* 1

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400 Four bronze PINS from HARPS; one from *Athlone* and another from *Lower Glenmire*. A nail-shaped Pin of massive bronze. A pair of bronze Compasses, *Lough Neagh*. Two small Keys in bronze, one found in *Co. Longford*. And a large Strainer of bronze; *an interesting lot* 9

401 A small piece of Chain Armour, found in the *Shannon*; and a "Bradoon" Bit of small size, found in the *Lough Revel Crannog*, both of iron. Six bronze Strap Buckles, Hoops, etc.; the largest piece found near *Bellaghy, Co. Derry*. A bronze Ring, with three large knobs on the hoop; and a crescent-shaped Ornament from a leather strap; *an interesting lot* 9

402 Two long bayonet-shaped Pike Heads of iron or steel; *about* 27 *in. and* 25 *in. long*; found at *Banteer, Co. Cork*; *very rare* 2

403 An old Irish Shoe of leather, found in a bog in *Co. Antrim*; and an ornamental leather Ring, found in *Co. Antrim, Crannog.* And two long Combs of early mediæval date; in bone or ivory 4

404 Three single-piece Moulds, in roughly dressed stone, for casting small ornamental dises in metal; one with designs on both sides. The halves of two Double-Moulds in stone, for casting small religious emblems and rings. And a square single-piece Mould for casting dises and small studs or roundels; *one with the leaden key-pieces remaining* 6

405 The two halves of a rectangular stone Mould for casting small religious badges in lead; *the keys remain*; *Armagh.* One half of a similar stone Mould, and a long, rectangular Mould, in bronze, probably for the use of a gold or silversmith; *the latter from Co. Westmeath* 4

CELTIC GOLD ORNAMENTS.

406 A VERY FINE "LUNULA," or Collar, of thin beaten gold, the ends disk-shaped and turned at right angles with the hoop; slight engraved line decoration; $6\frac{7}{8}$ *in. across*; the ornamentation consists of two narrow *zig-zag* lines with a series of large triangles at each end—five on the left-hand side, four only on the right; the triangles are set closely together and filled in with diagonally crossed lines; the patterns are continuous and drawn on a single guiding line which follows the upper or lower curve of the lunette and is placed close to the edge; found near to *Enniskillen, May*, 1893; *weight* 531 *grs.*; *in perfect condition and extremely rare* [Pl. XIX] 1

407 A SIMILAR "LUNULA," of larger size ($8\frac{1}{8}$ *in. across*); the decoration, carelessly engraved, consists of two zig-zags placed between parallel lines, following the curves of the hoop—one near the upper edge, another around the lower; *weight* 675 *grs.*; *in very good condition but crimped*; *also very rare* [Pl. XIX] 1

408 A VERY FINE ARMLET OR BRACELET of thin gold; formed by a spirally coiled strip of graduated width; *about* 8 *in. long*; the ends bent round to hook together and finished by studs; from the *Inishowen hoard, Co. Donegal*; *weight* 153 *grs.*; *a very fine specimen and very rare* [Pl. XIX] 1

Fenardent 409 A SIMILAR ARMLET, the coil or twist *about* 12¼ *in. long*; from the same hoard and *also in excellent condition*; *weight* 337 *grs.* [Pl. XIX] 1 36

" 410 ANOTHER ARMLET of similar design but narrower and with a closer spiral (of about 100 twists); the ends of the hooks capped by disks; considered to be the finest specimen of the *Inishowen hoard*; *about* 13 *in. long*; *weight* 180 *grs.* [Pl. XIX] 1 32

Lemair 411 A BRACELET of similar style; the twists in the centre very broad and thicker than preceding pieces; *about* 10 *in. long*; *weight* 301 *grs.*; *from the same hoard as preceding* [Pl. XX] 1 31

Wheeler 412 A SIMILAR ARMLET; made from a narrow ribbon-like strip of gold, spirally twisted; studded ends to the hooks; *about* 12 *in. long*; found at *Ballyshannon, Donegal*; *weight* 245 *grs.*; *a very unusual variety*; *has been repaired* [Pl. XX] 1 10

Fenton 413 The end part of a similar Armlet, and the central portion of another. And a fragment of a large Neck Ornament, of the same spiral construction; *all from the Inishowen hoard*; *weight* 286 *grs.* 3 7 11

Fenardent 414 A VERY IMPORTANT AND INTERESTING BRACELET, of thin repoussé gold; the band, *about* 1½ *in. wide*, formed by seven large reeds, horizontally placed and with a line of impressed dots in each hollow; the ends are turned round to form a long tube, closed at the sides by soldering; the bracelet was probably secured by a cord passed through these tubes; *Skreue, Ardnaglass, Co. Sligo*; *weight* 595 *grs.*; *a very rare and valuable specimen* [Pl. XX] 1 86

Wheeler 415 A PENANNULAR BRACELET, *about* 2⅞ *in. across*; formed from a simple wire-like hoop of gold; found at *Skelly, Drumnahilly, Co. Tyrone*; *weight* 897 *grs.* 1 10

Fenardent 416 A PENANNULAR BRACELET, *about* 3⅜ *in. across*; the greater part of triangular section twisted into a ribbon-like curl; the ends round and plain, and of varying thickness; two loose rings, broad and horizontally reeded, are twisted around the hoop; *Skelly, Drumnahilly, Co. Tyrone*; *weight* 516 *grs.*; *in excellent condition and very rare* [Pl. XX] 1 60

Lemair 417 A PENANNULAR BRACELET, *about* 2½ *in. across*; a plain wire-like hoop, the ends broadening out and flat at the top; *Co. Antrim*; *weight* 330 *grs.*; *a fine example* [Pl. XX] 1 12 10

Wheeler 418 A similar BRACELET, not so large as preceding; *Co. Kerry*, 1890; *weight* 347 *grs.*; *also very fine* [Pl. XIX] 1 12 10

419 Another BRACELET, of similar style to last two pieees ; the eentre thinner, the widened ends finely fashioned ; *Westport, Co. Mayo* ; *weight* 200 *grs.* ; *a very fine specimen* [Pl. XIX] 1

420 A REMARKABLY FINE WRIST ORNAMENT, of massive gold ; the hoop, *about* $2\frac{7}{8}$ *in. across*, of circular section, and diminishing in thickness towards the ends, which are capped by two large cupped disks or cones, *abont* 2 *in. in diameter* ; around both the inner and outer edges of the cones is engraved a fine herring-bone pattern placed between two plain lines ; *weight* 1530 *grs.* ; *an exceedingly fine and perfectly preserved specimen, and of great rarity* [Pl. XX] 1

421 A SIMILAR ORNAMENT, of lighter make, and in imperfect condition—the hoop bent, the ends turned the wrong way round, and the cups or cones crinkled ; found at *Cloyne, Co. Cork* ; the distortions appear to be intentional, and were probably effected in ancient times ; *weight* 758 *grains* ; *an interesting example* [Pl. XX] 1

422 ANOTHER, of similar type to preceding, but with a graduated hollow band, and with deep cup-like ends (*abont* $\frac{7}{8}$ *in. diameter at the top*) ; a band of parallel lines engraved around the ends of the hoop ; a narrow border of herring-bone ornament between two lines around the inner and outer edges of the cups ; *weight* 435 *grs.* ; *in very fine preservation and exceedingly rare* [Pl. XX] 1

423 A SIMILAR WRIST ORNAMENT IN PROCESS OF MANUFACTURE : *total length* $1\frac{1}{5}$ *in.* ; it consists of a massive square bar of gold, the ends narrower, beaten up round, and capped with large scyphate disks, each about 1 *in. diameter* ; found at *Inchaqula* ; *weight* 1179 *grs.* : *an exceedingly rare and interesting piece* [Pl. XX] 1

424 AN ORNAMENT, of uncertain use ; formed by a small, very massive and graduated hoop, the ends beaten out into thin circular plates *about* 1 *in. diameter*, the faces set at right angles to each other ; the sides and front of the hoop finely engraved with a longitudinal reeding, a band of diagonally crossed lines between triple lines at each end ; *Downpatrick*, 1870 ; *weight* 575 *grs.* ; *an exceedingly fine and perfect specimen* [Pl. XX] 1

*** *The use of these remarkable and typically Irish objects is unknown ; by some they are thought to have been used as dress or cloak clasps, but such an attribution can hold good only for those specimens with large terminal plates, and would leave unexplained the purpose of the very closely allied specimens having very small plates—or none at all (see below).*

425 A SIMILAR ORNAMENT, of lighter make, and with smaller end-plates (*about* $\frac{1}{2}$ *in. diameter only*); the hoop with similar decoration to last specimen; the under side of the plates with a pennate decoration between radiating lines; *Dublin*, 1888; *weight* 111 *grs.*; *a rare variety, and unusually light* [Pl. XX] 1

426 ANOTHER; very massive and with small terminal plates ($\frac{4}{5}$ *in. diameter*); the hoop very carefully decorated; *Coloony, Co. Sligo*; *weight* $365\frac{1}{2}$ *grs.*; *a very fine specimen* [Pl. XX] 1

427 ANOTHER; small and massive, but *without* the plates at the ends; the hoop finely engraved; *near Belfast*, 1885; *weight* 91 *grs.*; *an excellent and interesting example* [Pl. XX] 1

428 A GOLD PIN, of early period, $3\frac{1}{4}$ *in. long*; the plain flat-topped head seems to have been made from the same piece as the stem; found (with the following object) at *Ballyvourney, Co. Cork*; *weight* 73 *grs.*; *exceedingly rare* [Pl. XIX] 1

429 A large circular DISK, of very thin gold; *about* $4\frac{1}{4}$ *in. diam.*; probably the covering of a large button-like dress ornament; the face ornamented with three concentric bands of plain lines and *zig-zags*, and an outer circle of *zig-zags* enclosing dots; the centre and the plain spaces between the bands appear to have been, originally, somewhat convex; two holes are pierced in the middle of the plate; found with the preceding lot at *Ballyvourney, Co. Cork*; *very rare, and of unusually large size* 1

430 A PAIR OF SIMILAR DISKS, *about* $2\frac{5}{8}$ *in. diam.*; ornamental borders around the edge and in the centre, where it has two piercings for a cord; the plain part slightly convex; *Cloyne, Co. Cork*, 1840; *both very fine and rare pieces* [Pl. XIX] 2

*** These ornaments are sun disks, and were probably used in the Sun Worship of Pagan times. *See Proc. Soc. Ant. Lond.* 1885.

431 Two Plates, of very thin gold, with impressed ornament; one, with five straight rows of diagonal lines running up or down alternately, is pierced with several small holes (probably for sewing it on to a dress); found near *Castle Martyr*, 1806, *and described by T. Crofton Croker*; *also noted in Tuckey's "Cork Remembrancer."* The second piece, circular, has a cruciform design in a broad border, and possibly formed the plating from the centre of a large fibula; *Crowliath, Ballydehob, Co. Cork*, 1844; *both very rare* 2

*** *The last piece figured and described in the Ulster Journal of Archæology*, 1856.

432 A small BULLA, or pendant ornament, covered with thin gold ; *about* $1\frac{1}{4}$ *in. long* ; shaped as a long pouch ; a band of lines around the neck, and rows of diagonal lines across the top ; the gold casing appears to have been filled in with a mastic cement, the greater part of which remains ; found in the *River Bann* (together with the arch of the shrine of the bell of Bp. Maelbrigde, lot 398) ; *exceedingly rare and of great interest* [Pl. XX] 1

*** *See Jour. R. Hist. and Arch. Socy. of Ireland.*

5 5 . 433 A long and narrow INGOT OF GOLD ; *about* $2\frac{1}{2}$ *in. long* ; pieces have been broken off each end ; the surface has no indications of working ; *weight* 660 *grs.* 1 Baldwin

RING MONEY.

5 12 6 434 A small RING MONEY, of the usual penannular type ; the hoop of the same thickness throughout ; *Co. Westmeath* ; *weight* 112 *grs.* 1 Campbell

6 5 435 Another ; heavier, and with the hoop of graduated thickness ; *Belfast* ; *weight* 167 *grs.* 1 Wheeler

4 10 . 436 Another ; small, the hoop graduated ; *Cloyne, Co. Cork* ; *weight* 77 *grs.* 1 Campbell

5 5 . 437 Another ; as last, but heavier ; *weight* 136 *grs.* 1 Sprink

5 . 438 Another ; very massive, and made up of very thin plates of gold of varying quality, arranged alternately and fused together before the shaping and bending ; *Belfast* ; *weight* 211 *grs.* ; *similar pieces have been found in England* 1 Baldwin

10 5 439 Another ; similar to last ; the peculiar fabric more noticeable by reason of the oxidization of the surface lines of the inferior metal ; *Belfast* ; *weight* 382 *grs.* [Pl. XX] 1 Wheeler

8 15 . 440 Another ; similar, but of smaller size ; made up of about 20 sections of fine and impure gold, arranged alternately ; *Co. Westmeath* 1 Baldwin

8 15 . 441 Another, similar to and of about the same size as last specimen ; *weight* 186 *grs.* [Pl. XX] 1 Sprink

442 Two specimens of plated Ring Money (bronze cores covered with thin gold plate) ; *Limerick* 2

443 Another plated Ring Money, found near *Roscra, Tipperary* ; and the bronze core of a similar piece from which the gold covering has been stripped ; *Carlow* 2

444 A massive piece of Ring Money, of unusual type ; the hoop of oblong section, the outer side somewhat convex ; the hoop about 1 in. wide ; found at *Castle Coote, Fuerta, Roscommon* ; *weight* 370 *grs.* ; *very rare* [Pl. XX] 1

445 Another Ring Money, the hoop of quadrangular section and twisted ; found with the preceding at *Fuerta, Roscommon* ; *weight* 280 *grs.* *also a very rare type* [Pl. XX] 1

446 Another, the hoop twisted into a raised cable-like pattern ; at each end a ring-like moulding and a plain circular piece diminishing in thickness towards the opening ; very similar pieces have been found in Scandinavia and Hungary ; this specimen (from the collection of F. Hodder, Esq.) may possibly have been imported from Denmark in ancient times ; *weight* 302 *grs.* ; *very rare* [Pl. XX] 1

447 Another, the hoop of quadrangular section and twisted to form a close cable, the ends plain and almost pointed at the opening ; *Co. Cork*, 1894 ; *weight* 101 *grs.* [Pl. XX] 1

448 Another, similar to last piece ; a piece has been cut away from one of the ends ; *Ardmayle Fort, Cashel, Tipperary* ; *weight* 176 *grs.* 1

449 Another, formed as a double coil of quadrangular wire ; found with the preceding at *Ardmayle Fort, Cashel* (similar coils are found in both Scandinavia and Hungary) ; *weight* 216 *grs.* 1

450 A similar piece of coiled Ring Money, the coils of narrow circular section ; found at *Castle Coote, Fuerta* ; *weight* 189 *grs.* [Pl. XX] 1

451 Another, a part broken or cut off from one of the ends ; *Co. Sligo* ; *weight* 179 *grs.* 1

PERSONAL ORNAMENTS IN SILVER.

Late Celtic and subsequent Periods.

452 A massive ARMLET, of silver, *about* $4\frac{1}{2}$ *in. diam.*; four lengths of graduated wire tightly twisted together to form a cable; a large knob fixed at one end, a long loop of thin wire at the other; found at *Fenit, Co. Kerry*; *very rare* [Pl. XIX] 1

*** *See Proc. R. Hist. and Arch. Soc. Ireland*, 1880.

453 A massive BRACELET, of silver, *about* $2\frac{3}{4}$ *in. across*; made from a flat band of silver, diminishing in thickness and width towards the opening; found at *Fenit, Co. Derry, together with the preceding piece* [Pl. XIX] 1

*** *See Proc. R. Hist. and Arch. Soc. Ireland*, 1880.

454 A VERY FINE NECKLET (? ARMLET), of silver, composed of several lengths of graduated wire twisted together to form a plaited cable pattern; hook and loop fastening of fine wire; found at *Athlone*; *very fine and extremely rare* [Pl. XIX] 1

455 A plain silver ARMLET, *about* $3\frac{1}{4}$ *in. long*; a hoop of massive circular wire, tapering off towards the ends; *Carrigaline, Co. Cork*; *very rare* [Pl. XVII] 1

456 A similar ARMLET, smaller and not so massive, *about* $2\frac{3}{8}$ *in. across*: the ends of the hoop very little tapered; found near *Cloyne*; *also very rare* 1

457 A larger ARMLET of silver, *about* $3\frac{5}{8}$ *in. long*; the hoop of quadrangular section and diminishing in thickness towards the ends, where it is drawn out into thin circular wire which originally formed a sort of hook-and-eye fastening; near *Tralee, Co. Kerry*; *very rare* [Pl. XVII] 1

458 A remarkable PIN and CHAIN, of silver; the pin, *about* 3 *in. long*, has a hole pierced through the flat sides of the facetted head, and is fitted with a loose ring; to the ring is attached a small chain, made of fine wire twisted into long double loops, the ends twisted tightly round the centre of each loop or link; from the *Dunshaughlin Crannog*, 1867. And a long PIN (or BODKIN) of later date, also of silver, with small spherical head and a spiral line engraved around the stem; from a *Co. Galway Crannog*; *the first piece very interesting and rare* [Pl. XVIII] 2

459 A large and remarkably fine and rare penannular BROOCH, or FIBULA, in silver; *the ring about* $3\frac{1}{4}$ *in. long, the pin* $5\frac{1}{2}$ *in. long*; the upper side of the flat ring rounded off and terminated by two large plates, each with a projecting cone in the centre and lines of large pellets around; the loop of the pin boldly moulded; *Lisburn*; *from the Stephenson collection*; *extremely rare and very fine* [PL. XVII] 1

460 Two RING MONIES, of silver; the massive circular hoops tapering in width towards the ends, which are brought very closely together; around the centre of the outer side of each piece is engraved a double line; on one specimen the space between the lines is filled in with parallel cross-linings; found by turf-cutters near to *Armagh*, 1832; *weight* 337 *grs. and* 307 *grs.*; judging from the colour, each appears to have a perceptible quantity of gold mixed with the silver; *very rare* 2

461 A similar RING MONEY, of mixed silver; the hoop flattened on the upper and lower sides; on each end is engraved a pile of six dots; *Fork Hill* (*borders of Co. Armagh and Louth*), 1887; *wt.* 189 *grs.* And the end of a long bar-shaped Ingot; *Co. Westmeath*; *weight* 1153 *grs.*; *both rare* 2

PERSONAL ORNAMENTS OF MEDIÆVAL AND LATER DATE.

462 A small WREATH FIBULA OR BROOCH, of gold, $\frac{5}{8}$ *in. diam.*; on the flat top the letters VIA – VI – VA – VI, the groups separated by small appliqués with stars on a stippled ground; fine dotted borders around the edges; a double border at the head of the pin; found near the *Roman Station at Springhead*, 1815; fine XIV century work; *in excellent condition and rare* [PL. XVIII] 1

463 A small GARTER FIBULA OR BROOCH, of gold, $\frac{11}{16}$ *in. diam.*; around the two sides is engraved the motto AVE · MARIA · GRATIA · / PLENA · DOMINVS; the field was probably filled in with a soft vitreous enamel; in the centre of the pin are two small supports, on which are fixed, one on each side of the pin, the letters H and K; both were originally surmounted by a crown, but that of the

LOT 463—*continued.*

first letter alone now remains. There can be little doubt that these letters refer to Henry VIII and Queen Katherine—to Katherine of Aragon rather than to Katherine Parr—; *interesting and very rare* [Pl. XVIII] 1

464 An earlier Ring Brooch, in silver, $1\frac{5}{16}$ *in. diam.*; on the flat side of the hoop is engraved, ✠AVE · MARIA · GRACIA · PLENA ; English work ; late XIIIth Century ; *very rare* [Pl. XVIII] 1

465 Two small Ring Brooches, in silver ; plain, one of very light make ; from *Co. Westmeath.* And an old Scotch Brooch, of silver, shaped as a crowned heart ; *Co. Down* 3

466 A penannular Brooch, of base silver ; a large triangular plate at the end, with solid filigree ornaments and coral inlays on an enamelled background ; coral settings at the ends of the hoop. Another, of similar style, but smaller; both from *Morocco* 2

467 Seven Gold Ornaments ; part of the loot obtained at Coomassie, Ashantiland ; consisting of a wide hollow Ring (resembling the hair rings of ancient Egypt and the *Ring Monies* of Britain), four disk-like Beads (the two largest $2\frac{3}{8}$ *in. and* 1 *in. diam.*), of open work, and two long bean-shaped Beads or Pendants of similar open-work; *with the exception of the first piece, all are skilful castings*: *weight* 1008 *grs.*; *interesting, and now rare* 7

468 SEAL MATRICES. A small bronze Seal Matrix of an ecclesiastic; found near the *Franciscan Priory, Youghal*; S . fris . ioh . [thyngill ?]: *device*, a panel enclosing a heart pierced downwards by an arrow : *XVIth Century* 1

469 A large circular bronze Seal Matrix of the BOROUGH OF MULLINGAR ; SIGILVM . COMVNE . DE . MOLLINGAR ; *device*, in the centre an arch enclosing a water-wheel, on the top of the arch an uncertain object, to right a castle, from the top of which issues the forepart of a rampant lion, to left, church (?) and buildings ; *rough XVIIth Century work* 1

470 A circular bronze Seal Matrix of the PORT OF KINSALE : SI . PARVE . CVS . REGIS . IN . PORTV . KINSALE ; *device*, a large portcullis, crown above, rose at each side and below ; *XVIth Century; fine work* 1

471 A large oval Seal Matrix, in silver, of John Stearne, Bishop of Clogher; SIG. IO. STEARNE. S.T.D. EPI. CLOGHERENSIS. CONSE. IO. MAII. 1713. TRANS. 1717; *device*, shield with arms of the See impaling those of the Bishop, mitre and labels above, serolls at sides (on the back the stamp of the maker, Joseph Walker, goldsmith, of Dublin, died 1721); *finely engraved and in excellent order* 1

472 A large oval Seal Matrix, in bronze, of Jennett Browne, Bishop of Dromore, 1745; THE. SEAL. OF. IENNETT. BROWNE. D.D. BISHOP. OF. DROMORE. 1745; shield with arms of the See impaling the personal arms of the Bishop, mitre above, sways of shamrock at the side; *in excellent condition* 1

473 The two brass Dies for the wafer-stamping Seal of the Borough of Baltinglass; the seal reads, BOROUGH OF BALTINGLASS–COUNTY OF WICKLOW, and has a view of the town in the centre; the counter-seal has the legend, PRO. REGE. GREGE. LEGE, and a shield bearing the borough arms placed upon a crossed sword and mace; above, a mural crown, below, branches of palm and laurel. Included with the lot are two old Receipts from the borough accounts, one of which is from "Simon Younge," and is the discharge for the engraving of the seal in 1800. And a bronze Medal of the celebrated Cork antiquary, Richard Sainthill 5

N. AMERICAN INDIAN AND OTHER PIPES.

474 An American-Indian Pipe, in dark stone, $3\frac{1}{4}$ *in. long*; on the square stem carved figures in full relief of a squirrel and a rabbit; *New York State.* Another, similar, but of smaller size; a figure of a ram standing on the stem; *both rare pieces* 2

475 A remarkable Pipe Bowl, in hard red stone, pierced from both ends; *about* $5\frac{1}{2}$ *in. high*; a long narrow bowl, widening out at the top, where, on one side, projects the head of an animal (bear?); *Hydah Indians, Queen Charlotte Island, British Columbia.* And a small Pipe Bowl, in greenish stone, pierced at the top and side; *Ohio*; *the first piece very rare* 2

476 A longer stemmed Pipe, the bowl set nearer to the end; $5\frac{3}{4}$ *in. long.* Another, $7\frac{1}{4}$ *in. long*, with the bowl set some distance from the end. Another, the bowl formed in a projecting piece shaped as

LOT 476—*continued.*

the head of a Horse. And a squat Pipe Bowl, with flat projecting top and long side orifice; all in red stone; the last from *Pike County, Ill.*; the others used by the *Northern Tribes* 4

3 3 477 Four American Indian Pipes, three in black steatic stone and one in green; *N. Western Tribes*; *three unusually well finished* 4 Fenton

1 . 478 An Eskimo Pipe, from *Alaska*, the bowl of steatite, the stem of wood bound with a copper band. A wooden Pipe Stem and two terra-cotta Bowls. An early Broseley (?) Pipe and five Bowls of similar make. A number of bone Tools (awls, piercers, etc.), mostly from the *Swiss Lake Dwellings* 28 Oldman

5 479 Six Kaffir Pipes, in stone; two with metal covers and one with the stem restored in lead 6 Fenton

£ 211 7. 15. 0.

First day's sale 235. 14. 6
Second " " 324. 11.
Third " " 918. 11.
Fourth " " 211 7. 15

£ 354 [illegible]

END OF SALE.

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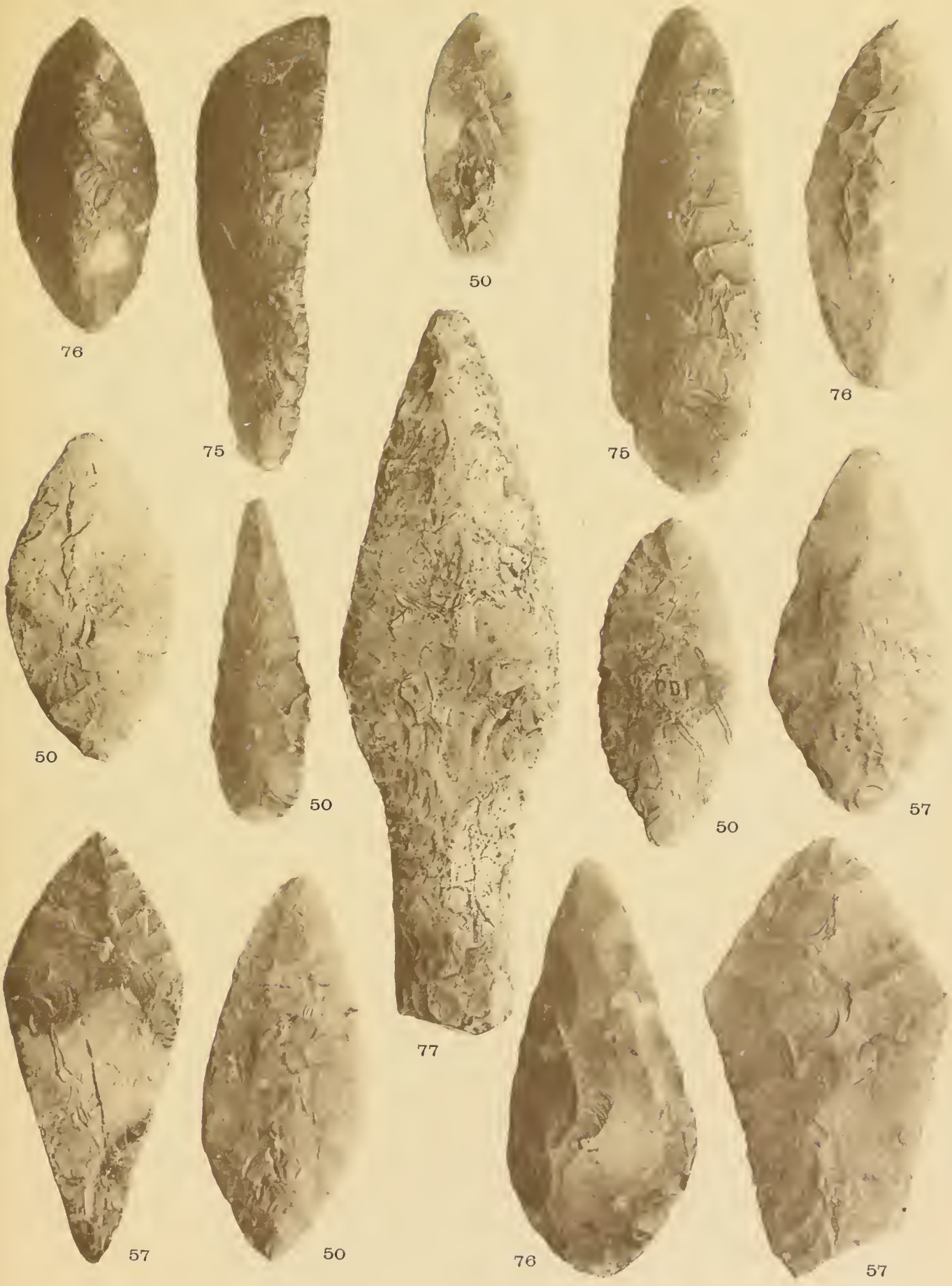
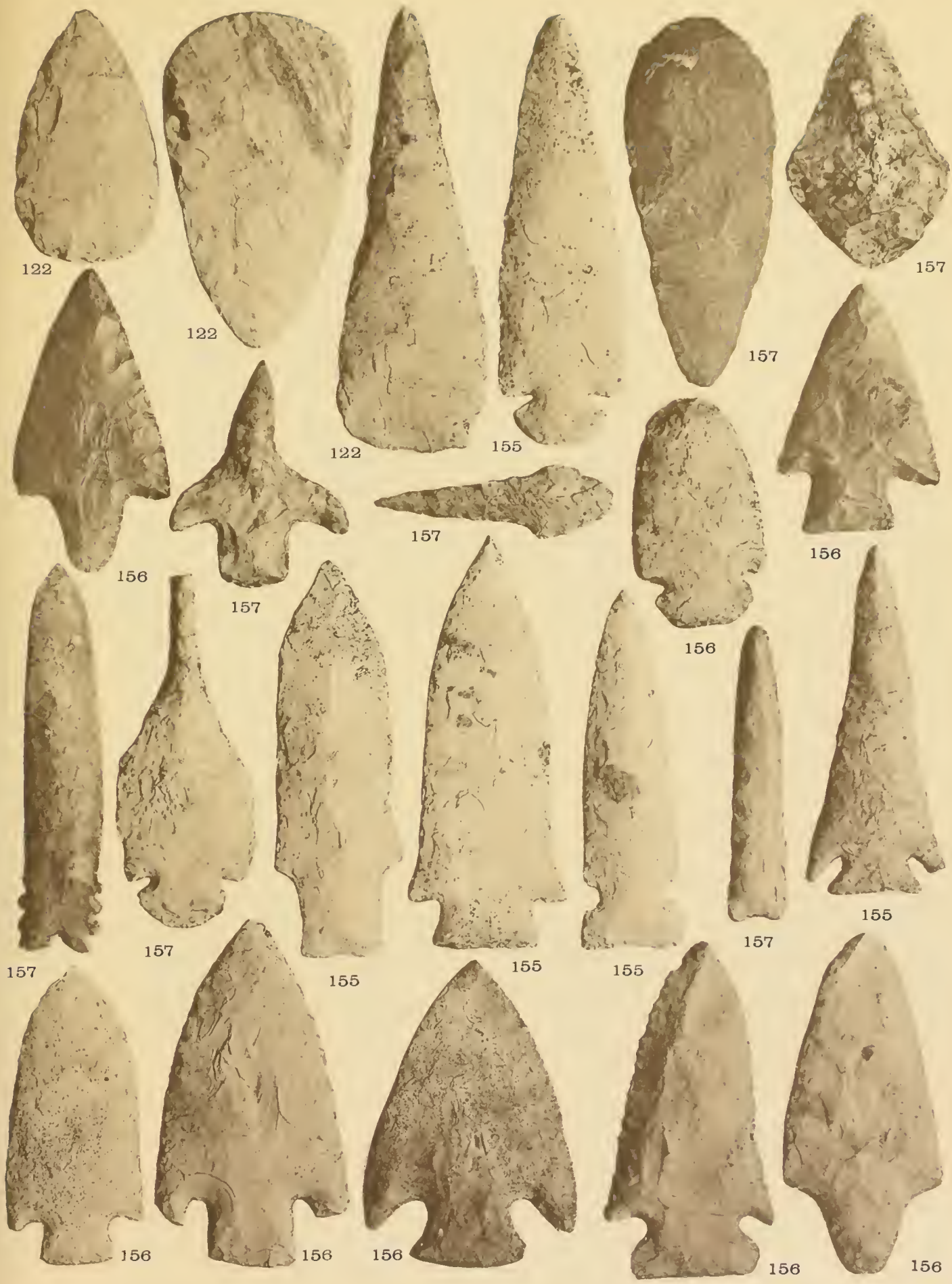
STONE IMPLEMENTS—IRELAND.

ARROW HEADS—IRELAND.

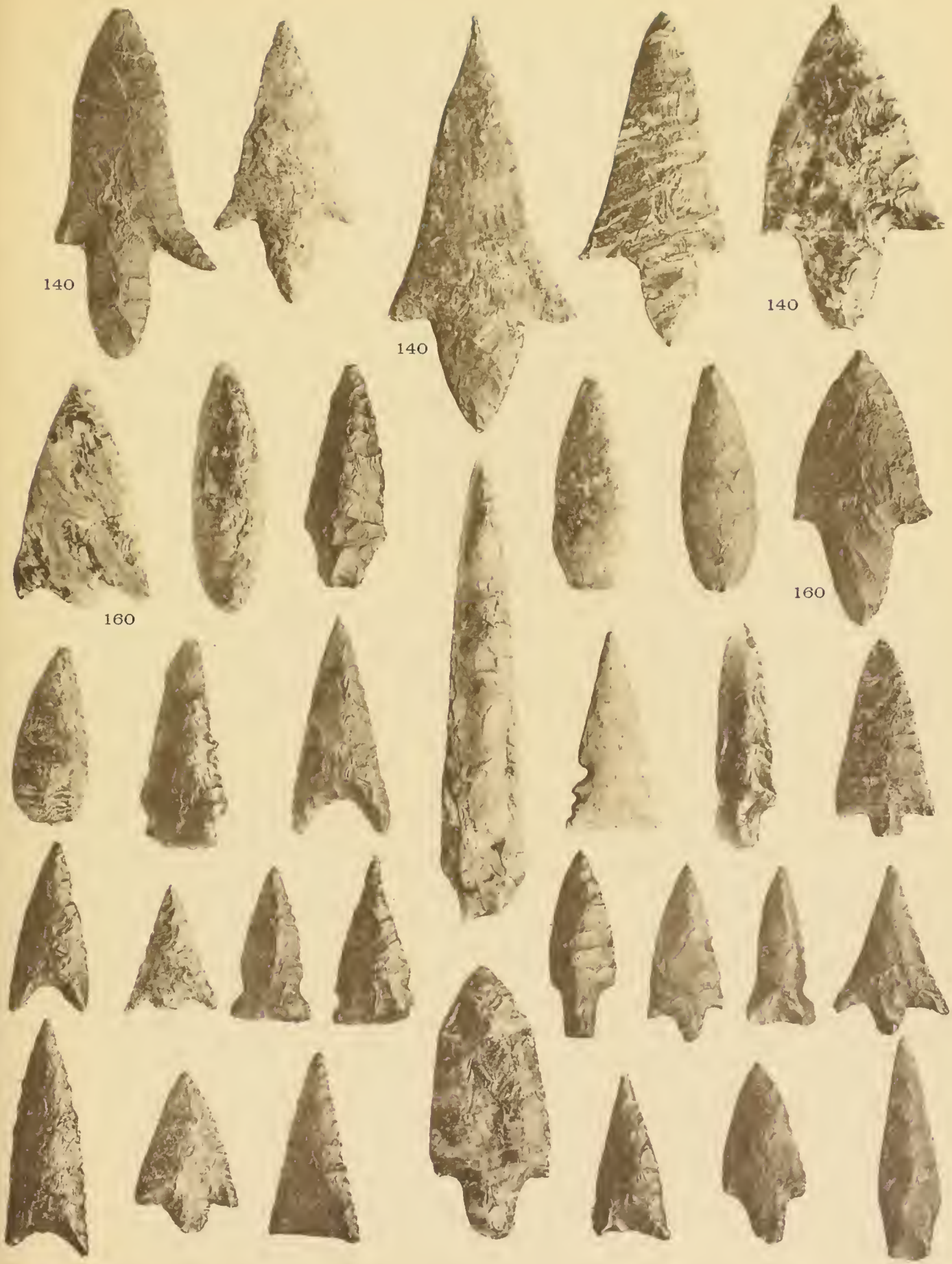


STONE IMPLEMENTS—IRELAND.

STONE IMPLEMENTS—N. AMERICA.



STONE SPEAR HEADS—N. AMERICA.



STONE ARROW HEADS—N. AMERICA.

FLAT CELTS, &C.—IRELAND

FLANGED CELTS—IRELAND.

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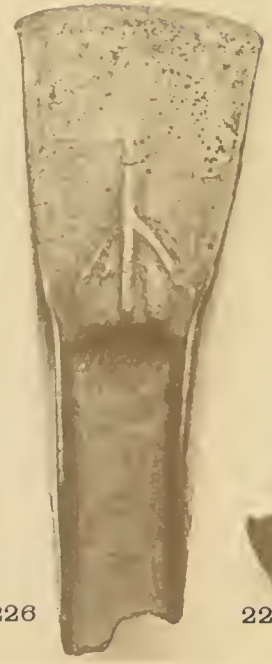
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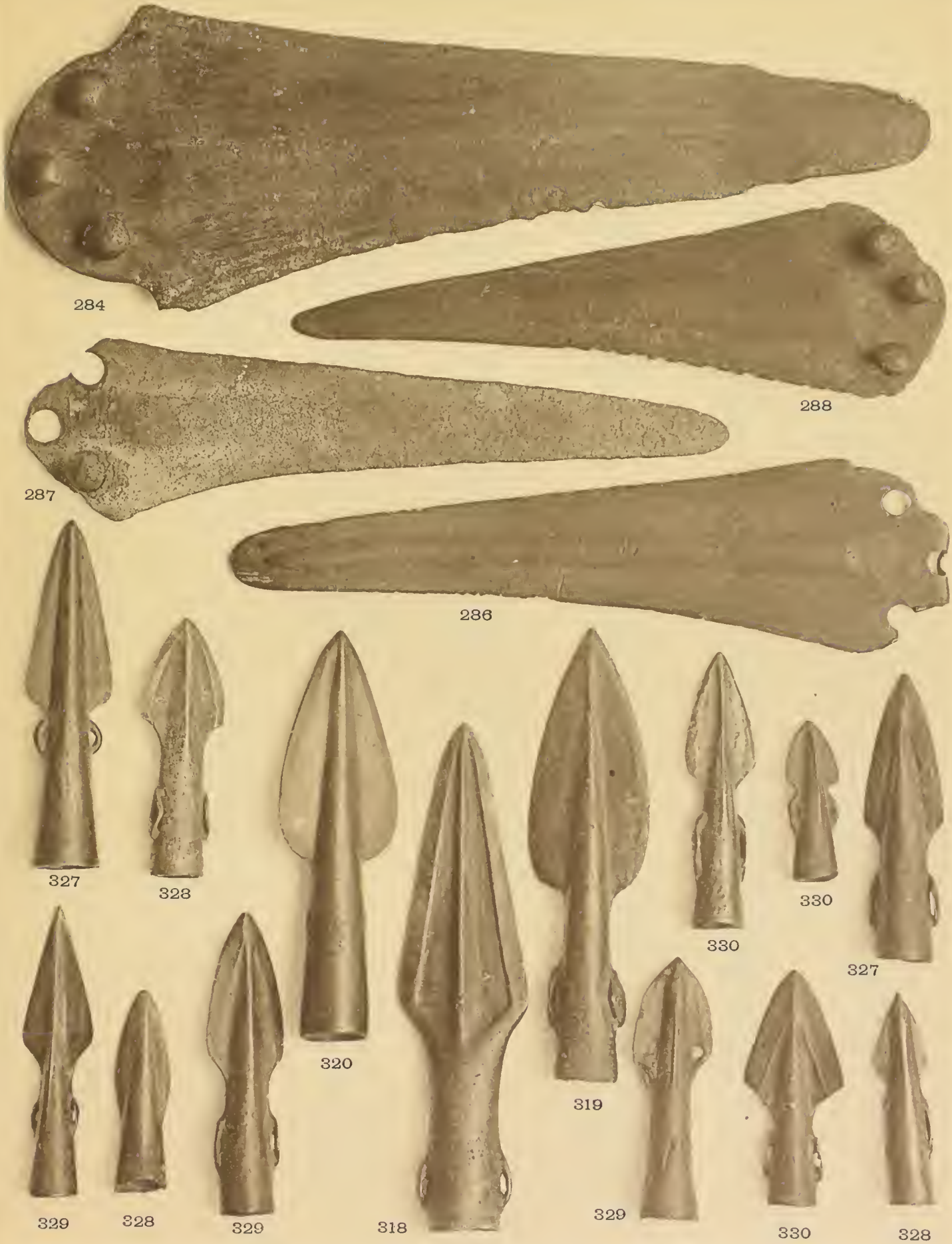
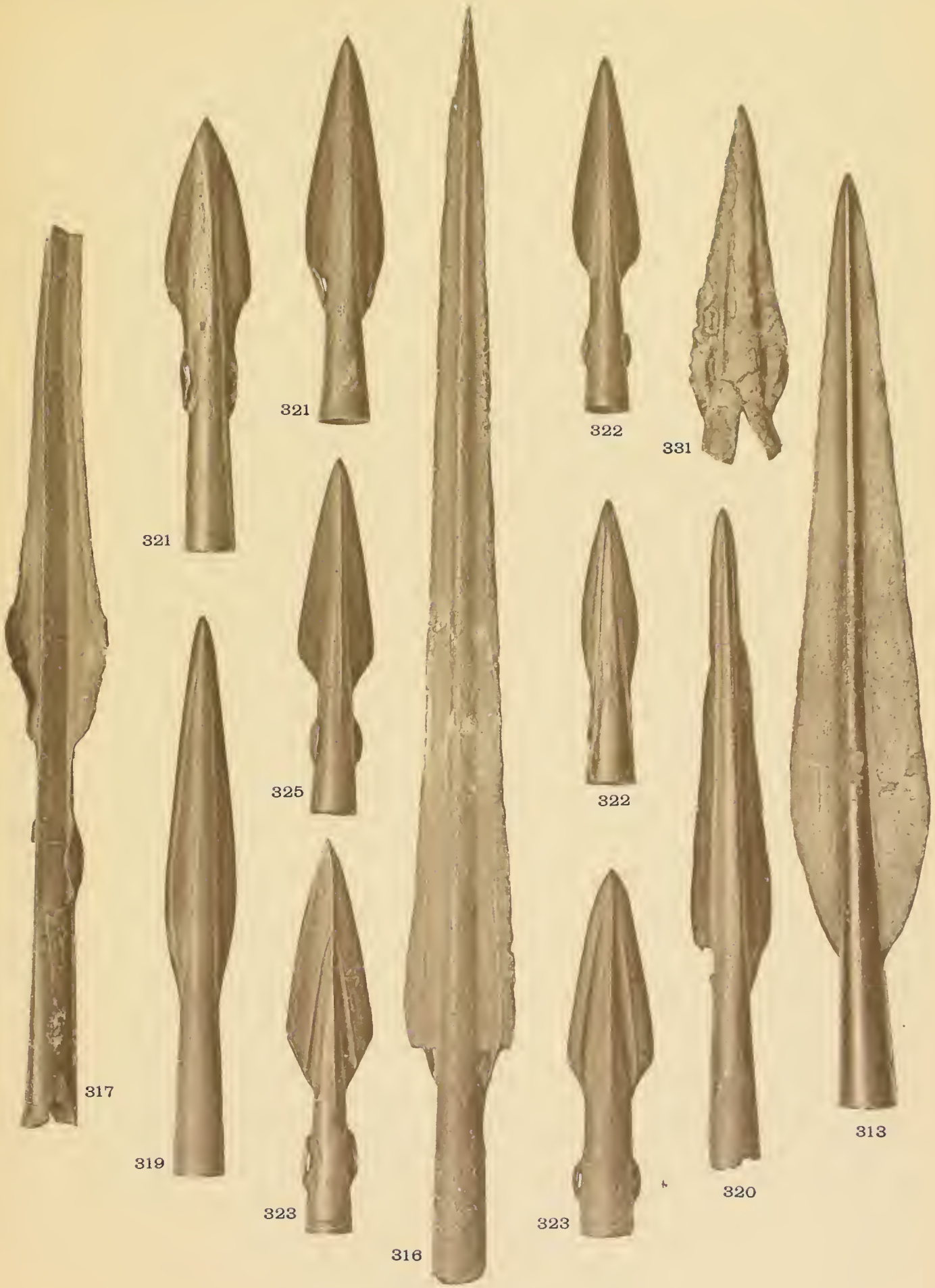
WINGED CELTS, &C.—IRELAND.

SOCKETED CELTS, CHISELS, &C.—IRELAND.

KNIVES, DAGGERS, &C.—IRELAND.



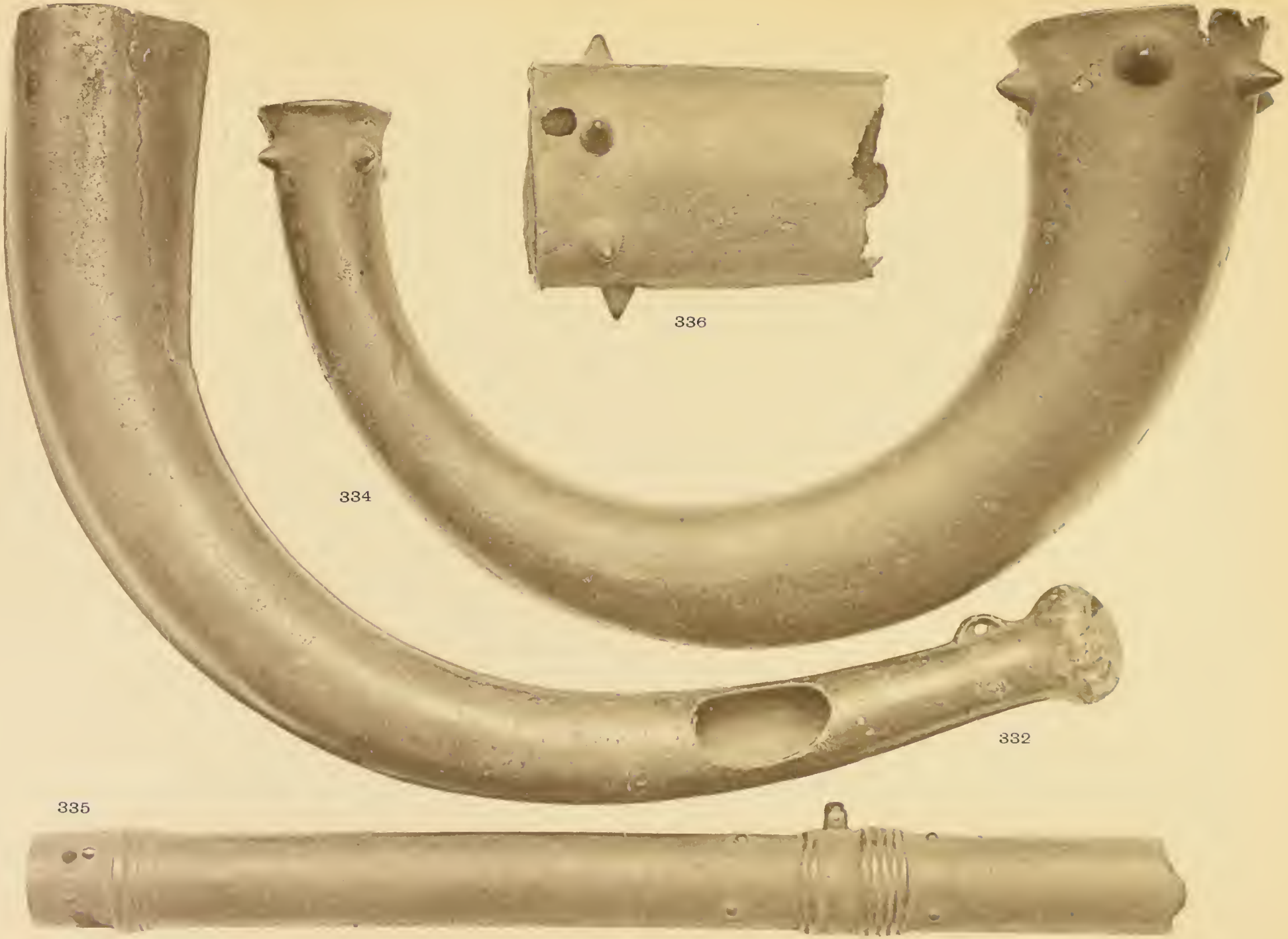
HALBERDS; SPEAR HEADS—IRELAND.



SPEAR HEADS—IRELAND.

BRONZE RAPIERS AND SWORDS—IRELAND.

BRONZE SWORDS—IRELAND.



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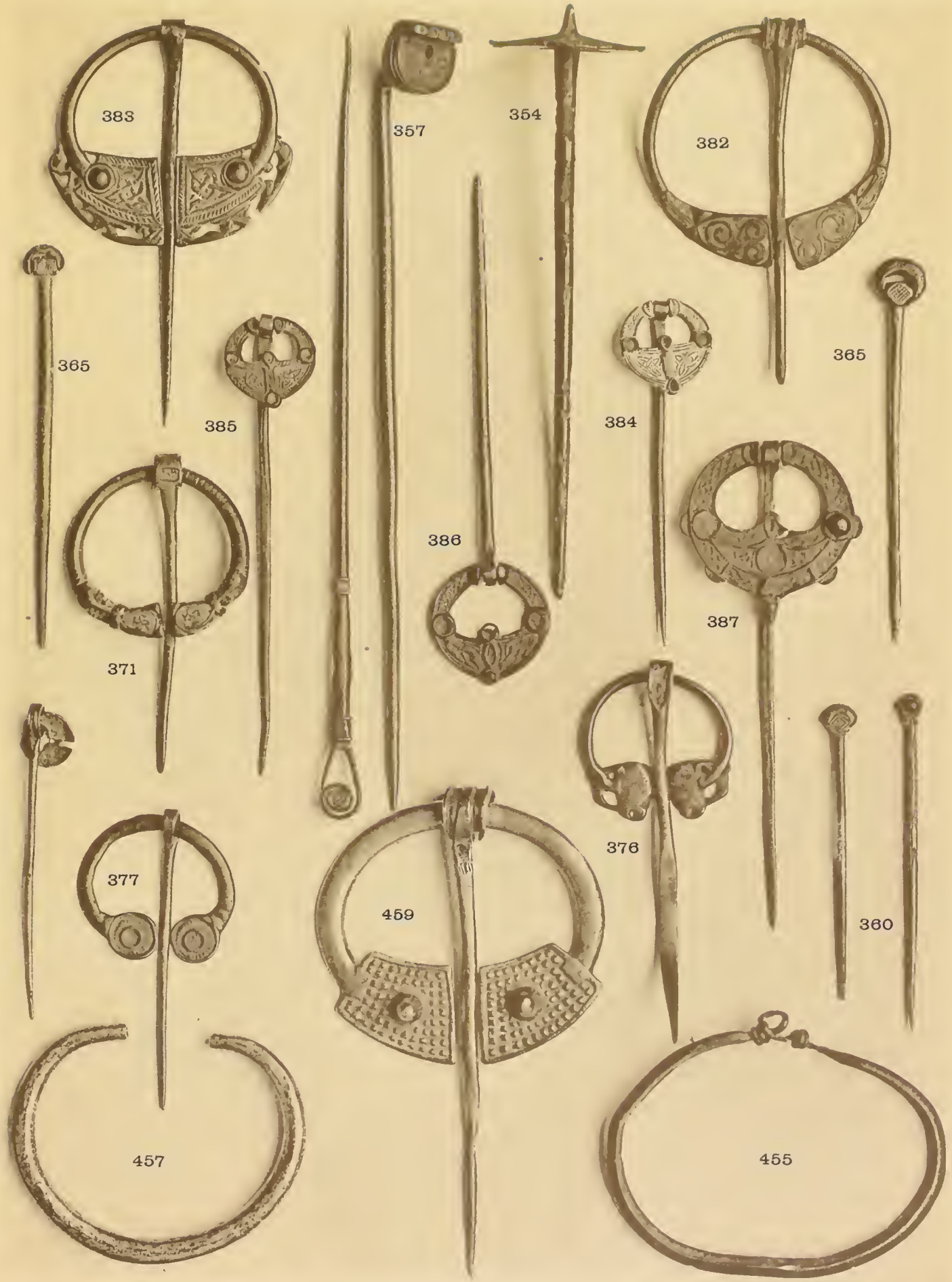
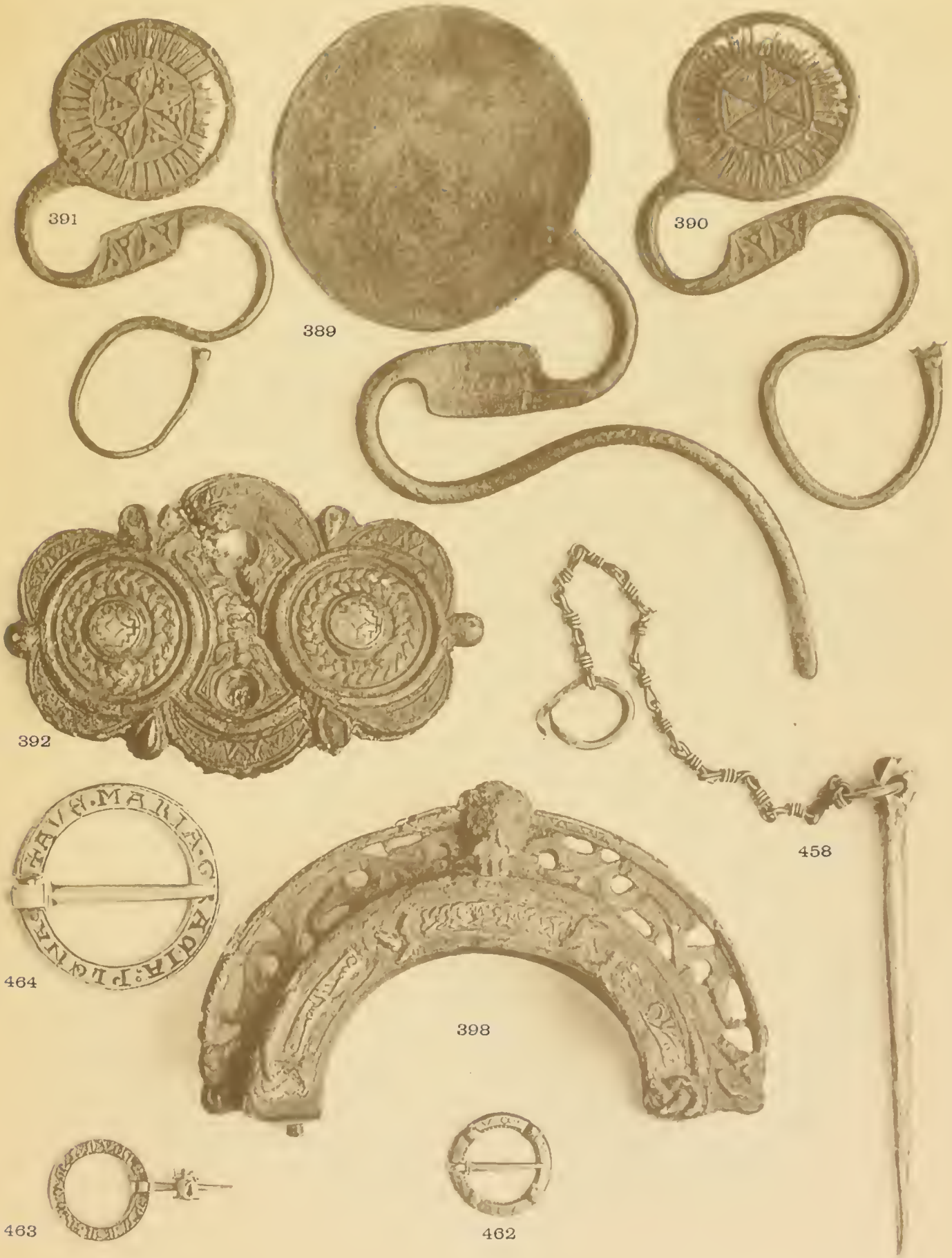


LATE CELTIC AND EARLY IRISH ORNAMENTS.



EARLY IRISH ORNAMENTS.

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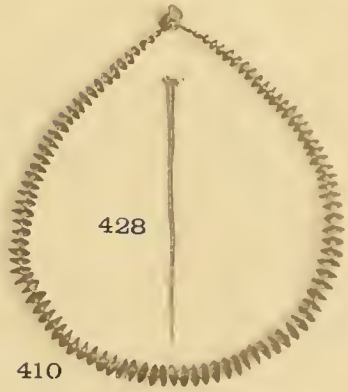

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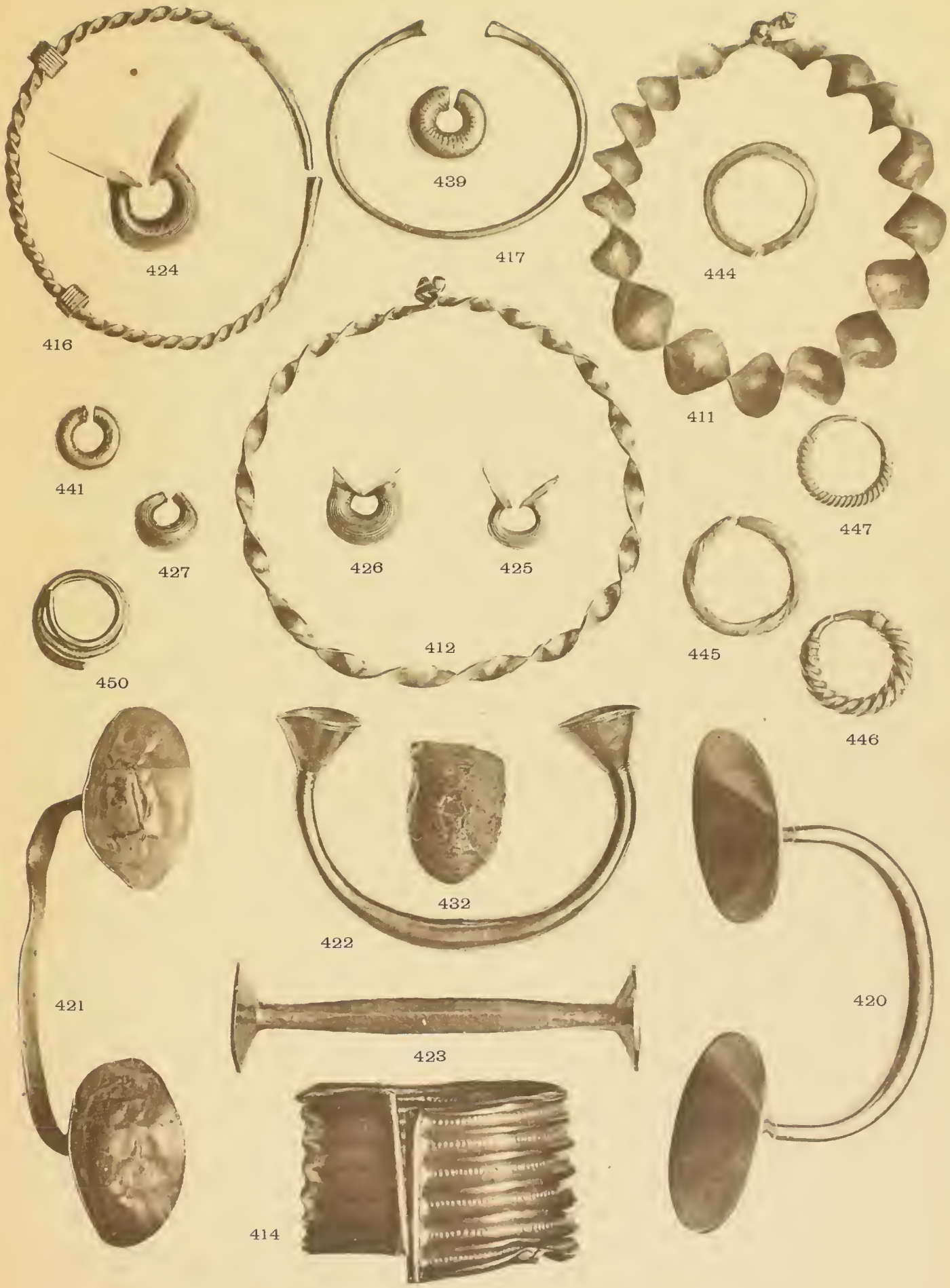

GOLD ORNAMENTS: RING MONIES—IRELAND.

BAKER, LEIGH & SOTHEBY.

THE FIRM COMMENCING WITH SAMUEL BAKER IN

1744.

SOTHEBY, WILKINSON & HODGE.

1913.